

PROJECT LOCATION



# Department of Transportation

PIN X731.63  
HUNTS POINT INTERSTATE ACCESS IMPROVEMENT PROJECT - CONTRACT 1  
DESIGN UNIT 007 - ROADWAY DESIGN  
BRUCKNER EXPRESSWAY CORRIDOR (BRIDGES OVER RAILROAD):  
WESTERN LIMITS TO WESTERN APPROACH TO BASCULE  
F.A. PROJECT

THE LATEST REVISIONS OF THE STANDARD SHEETS MAINTAINED BY THE DEPARTMENT, WHICH ARE CURRENT ON THE DATE OF ADVERTISEMENT FOR BIDS, SHALL BE CONSIDERED TO BE IN EFFECT. ALL PAY ITEMS AND WORK CONTAINED IN THE CONTRACT AND ANY ADDITIONAL PAY ITEMS AND WORK ENCOUNTERED DURING THE COURSE OF THE CONTRACT SHALL BE SUBJECT TO THE APPLICABLE STANDARD SHEET(S) UNLESS OTHERWISE SPECIFIED IN THE CONTRACT DOCUMENTS.

ALL WORK CONTEMPLATED UNDER THIS CONTRACT IS TO BE COVERED BY AND IN CONFORMITY WITH THE STANDARD SPECIFICATIONS (US CUSTOMARY) REFERENCED IN THE CONTRACT PROJECT "PROPOSAL" EXCEPT AS MODIFIED BY THESE PLANS OR BY CHANGES SET FORTH IN THE CONTRACT PROJECT "PROPOSAL."

CONTRACT PLANS HAVE BEEN DESIGNED IN ACCORDANCE WITH NYSOT POLICIES AND GUIDELINES AND THE FINAL RFP WITH ADDENDUMS DATED 5/31/19. THE RESPONSIBLE ENGINEER HAS SIGNED ALL DRAWINGS PREPARED UNDER HIS/HER DIRECTION. FOR THOSE DRAWINGS AND DOCUMENTS INCLUDED IN THE SUBMITTAL THAT ARE PREPARED BY THE MANUFACTURER OR SUPPLIER OR OTHER PERSONS NOT UNDER HIS/HER DIRECT SUPERVISION, THE RESPONSIBLE ENGINEER WILL AFFIX A STAMP THAT INDICATES THE DESIGN SHOWN ON THE SHEET OR DOCUMENT CONFORMS TO THE OVERALL DESIGN AND CONTRACT REQUIREMENTS.



Contract No. & Name: D900047 Hunts Point Interstate Access Improvement Project – Contract 1

Submittal No.: 007-RFC-001-003

Submittal Name: Bruckner Expressway Corridor (Bridge over RR): Western Limits to Western Approach to Bascule Roadway Plans

Submittal Date: 06/09/2021

Project Requirement: RFP Part 3, Section 22 Highway Design

Quality Certification: The Design Quality Control Engineer certifies that design checks and reviews throughout the design process are in compliance with the Design Quality Control Plan and Contract Requirements. The Department's DQAE has provided Consultation and Written Comment regarding the design.

Design Quality Control Engineer Name: Wayne A. Faulkner, Jr., PE

Signature:

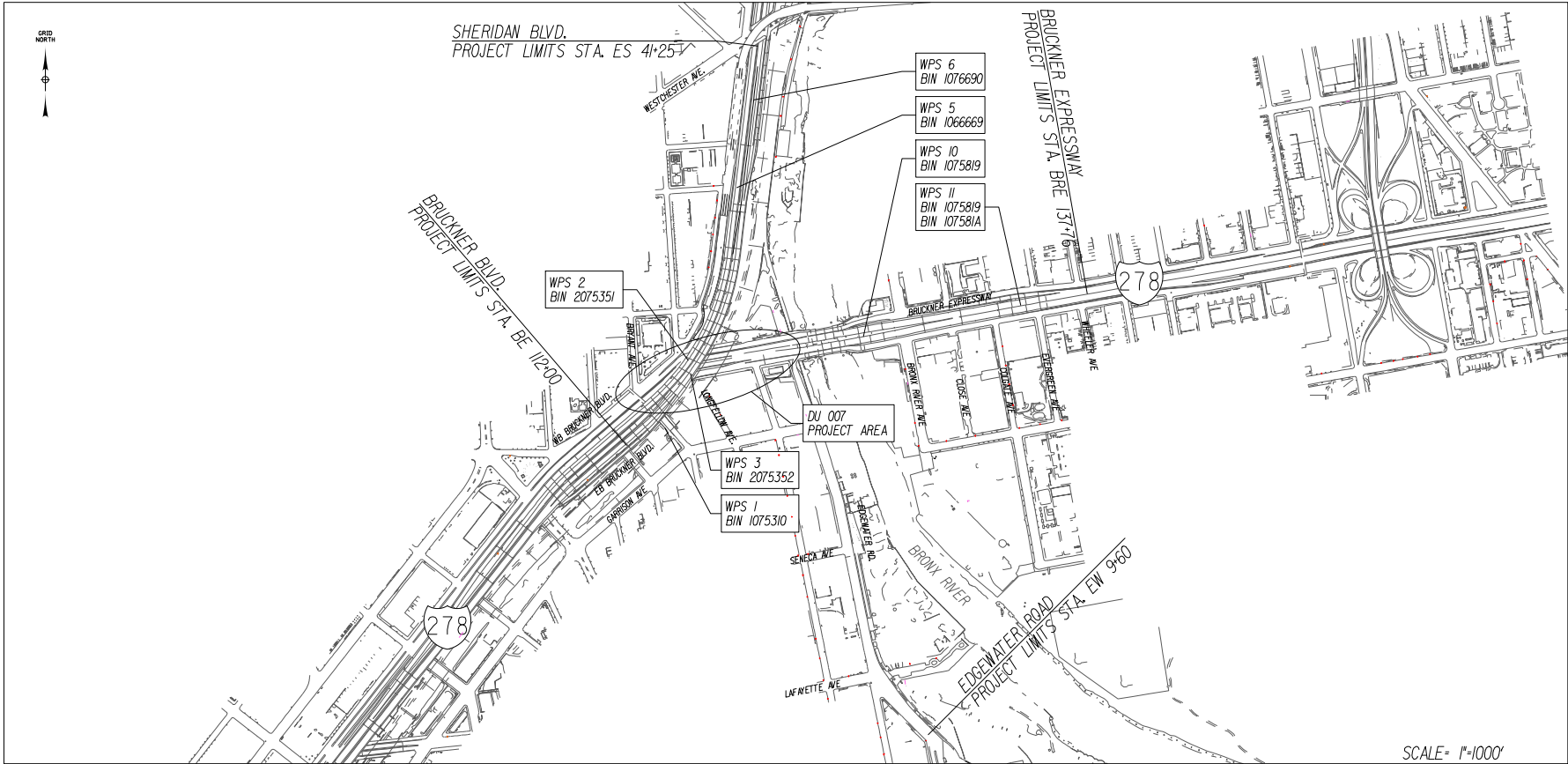
CONTRACT D900047

COUNTY: BRONX

CONTRACTOR'S NAME _____	
AWARD DATE _____	
COMPLETION DATE _____	
FINAL ACCEPTANCE DATE _____	
REGIONAL DIRECTOR _____	
ENGINEER IN CHARGE _____	
FINAL COST TOTAL _____	
FISCAL SHARE	COST(S)

DESIGN QUALITY ASSURANCE ENGINEER: HARDESTY & HANOVER	
	6/10/2021
ELANA FREEDMAN, P.E.	DATE
THIS DRAWING HAS UNDERGONE REVIEWS AS REQUIRED TO BE RELEASED FOR CONSTRUCTION UNDER RFP PART 3, SECTION 5.8.3 OF THE CONTRACT DOCUMENTS.	

RELEASE FOR CONSTRUCTION



PROJECT LOCATION

THIS PROJECT IS LOCATED AT THE NY STATE ROUTE 895 (SHERIDAN BOULEVARD) AND INTERSTATE 278 (BRUCKNER EXPRESSWAY) INTERCHANGE BETWEEN WESTCHESTER AVENUE TO NORTH, AND EDGEWATER ROAD TO THE SOUTH.


SCALE= 1"=1000'

CHECKED BY:		10-26-2020
SHAWN E. REYNOLDS, P.E. LEAD ROADWAY ENGINEER	DATE	
FOR:	1. DOCUMENTS WERE SUBMITTED TO THE CONTRACTOR FOR REVIEW. 2. REVIEW COMMENTS WERE RECEIVED. 3. REVIEW COMMENTS WERE SATISFACTORILY ADDRESSED.	
THE DESIGN MANAGER CERTIFIES THAT THE DESIGN AND DETAILS CONTAINED IN THIS PLAN SET SATISFY THE CONTRACT REQUIREMENTS FOR ACCURACY, ADEQUACY, "CONFORMANCE TO STANDARDS OF PRACTICE, COMPLIANCE WITH CODES AND STANDARDS" (RFP PART 3-3.2.4B) COST EFFECTIVENESS, QUALITY, FITNESS FOR PURPOSE AND/OR FUNCTION AS SPECIFIED AND/OR IMPLIED IN THE CONTRACT, AND CONFORMANCE WITH THE STANDARD PRACTICES AND SPECIFICATIONS OF NEW YORK STATE DEPARTMENT OF TRANSPORTATION.		
	06/09/21	
BRIAN J. STRIZKI, P.E. DESIGN MANAGER JMT OF NEW YORK, INC.	DATE	
THE DESIGN QUALITY CONTROL (QC) ENGINEER CERTIFIES THAT FOR THE DESIGN AND DETAILS CONTAINED IN THIS PLAN SET, DESIGN CHECKS HAVE BEEN COMPLETED; WORK CONFORMS TO THE CONTRACT REQUIREMENTS; ANY DEVIATIONS OR DESIGN EXCEPTIONS HAVE BEEN APPROVED BY THE DEPARTMENT AND DOCUMENTED (RFP PART 3-5.4.2) DESIGN QC ACTIVITIES FOLLOWED THE DESIGN-BUILDER'S QUALITY PLAN; AND ALL OUTSTANDING ISSUES OR COMMENTS FROM DESIGN REVIEWS HAVE BEEN SATISFACTORILY RESOLVED.		
	06/09/21	
WAYNE A. FAULKNER, JR., P.E. DESIGN QUALITY CONTROL ENGINEER JMT OF NEW YORK, INC.	DATE	


HUNTS POINT INTERSTATE ACCESS		
IMPROVEMENTS PROJECT - CONTRACT 1		
I-278		
COUNTY: BRONX		
FED. ROAD REG. NO.	STATE	SHEET NO.
1	N.Y.	1
CAPITAL PROJECT IDENTIFICATION NO.		
INDEX ON SHEET NO. 2		

INDEX		TOTAL NUMBER OF SHEETS 46
SHEET NUMBER	DESCRIPTION	DRAWING NUMBER
07-001	COVER SHEET	-
07-002	INDEX OF DRAWINGS	IND-01-07
07-003	DRAWING LEGEND - SHEET 1 OF 2	LEG-01-07
07-004	DRAWING LEGEND - SHEET 2 OF 2	LEG-02-07
07-005	TYPICAL SECTION	TYP-01-07
07-006	TYPICAL SECTION	TYP-02-07
07-007	TYPICAL SECTION	TYP-03-07
07-008	TYPICAL SECTION	TYP-04-07
07-009	TYPICAL SECTION	TYP-05-07
07-010	TYPICAL SECTION	TYP-06-07
07-011	TYPICAL SECTION	TYP-07-07
07-012	TYPICAL SECTION	TYP-08-07
07-013	TYPICAL SECTION	TYP-09-07
07-014	TYPICAL SECTION	TYP-10-07
07-015	TYPICAL SECTION	TYP-11-07
07-016	TYPICAL SECTION	TYP-12-07
07-017	GENERAL NOTES	GN-01-07
07-018	ALIGNMENT PLAN	AL-01-07
07-019	ALIGNMENT PLAN	AL-02-07
07-020	ALIGNMENT PLAN	AL-03-07
07-021	MISCELLANEOUS TABLES	MST-01-07
07-022	MISCELLANEOUS TABLES	MST-02-07
07-023	MISCELLANEOUS DETAILS	MSD-01-07
07-024	MISCELLANEOUS DETAILS	MSD-02-07
07-025	MISCELLANEOUS DETAILS	MSD-03-07
07-026	MISCELLANEOUS DETAILS	MSD-04-07
07-027	MISCELLANEOUS DETAILS	MSD-05-07
07-028	MISCELLANEOUS DETAILS	MSD-06-07
07-029	LANDSCAPE ARCHITECTURE NOTES	LAN-01-07
07-030	CURB RAMP/ADA PLANS	CRP-01-07
07-031	CURB RAMP/ADA PLANS	CRP-02-07
07-032	CURB RAMP/ADA PLANS	CRP-03-07
07-033	CURB RAMP/ADA PLANS	CRP-04-07
07-034	ROADWAY KEY PLAN	KP-01-07
07-035	ROADWAY PLAN ITEMS	GNP-01-07
07-036	GENERAL PLAN	GP-01-07
07-037	GENERAL PLAN	GP-02-07
07-038	GENERAL PLAN	GP-03-07
07-039	GRADING PLAN	GRD-01-07
07-040	GRADING PLAN	GRD-02-07
07-041	PAVEMENT JOINT LAYOUT PLAN	PJP-01-07
07-042	PAVEMENT JOINT LAYOUT PLAN	PJP-02-07
07-043	PROFILE - EB BRUCKNER EXPRESSWAY	PRO-01-07
07-044	PROFILE - WB BRUCKNER EXPRESSWAY	PRO-02-07
07-045	PROFILE - EB BRUCKNER BLVD.	PRO-03-07
07-046	PROFILE - WB BRUCKNER BLVD. / RAMP BLW	PRO-04-07

NYSDOT STANDARD SHEETS	
402-01	HOT MIX ASPHALT OVERLAY SPLICE (PAVEMENT REINFORCEMENT DETAIL)
502-01	METAL REINFORCEMENT FOR CONCRETE PAVEMENT
502-02	TYPICAL PLAN, CROSS SECTION AND JOINT LAYOUT
502-03	LONGITUDINAL JOINT
502-04	LONGITUDINAL JOINT TIES
502-05	TRANSVERSE JOINTS
502-06	JOINT SAWING AND SEALING
502-07	UTILITY ISOLATION AND JOINT LAYOUT GENERAL NOTES
502-08	UTILITY ISOLATION GUIDELINES
606-09	HEAVY POST BLOCKED-OUT (HPBO) CORRUGATED BEAM GUIDE RAILING WITH PLASTIC, SYNTHETIC OR TIMBER BLOCK OUTS
606-11	GRADING DETAILS FOR PROPRIETARY HPBO (MOD.) TERMINALS
606-13	SINGLE-SLOPE CONCRETE HALF SECTION BARRIER
606-14	SINGLE-SLOPE CONCRETE MEDIAN BARRIER AND SINGLE-SLOPE CONCRETE WIDE BARRIER
606-15	SINGLE-SLOPE CONCRETE BARRIER TERMINAL SECTION - RAMPED TERMINAL
606-29	TRANSITION: HPBO (MOD.) MEDIAN - SINGLE SLOPE MEDIAN
606-32	TRANSITION: HALF-SECTION TO FULL-SECTION SINGLE-SLOPE CONCRETE BARRIER
606-36	PRECAST CONCRETE BARRIER
606-41	TRANSITION: CONCRETE WALL - JERSEY MEDIAN
606-42	TRANSITION: CONCRETE BARRIER BETWEEN STANDARD (NJ) AND SINGLE SLOPE CONCRETE SHAPES
607-04	CHAIN LINK FENCE WITH TOP RAIL
608-01	SIDEWALK CURB RAMP DETAILS
608-03	RESIDENTIAL AND MINOR COMMERCIAL DRIVEWAYS
609-02	MISCELLANEOUS CURB DETAILS
609-03	CONCRETE CURB, CURB AND GUTTER, AND HOT MIX ASPHALT CURB
619-01	TEMPORARY CONCRETE BARRIER

AFFIX SEAL: SHAWN E. REYNOLDS ON: 11-30-2020	ALTERED BY: ON:
	

NOTE: THE PAVEMENT JOINT LAYOUT PLANS ARE INCLUDED FOR INFORMATION ONLY FOR THE RFC SUBMITTAL. THE RFC OF THESE PARTICULAR PLANS WILL BE DONE AS A NOTICE OF DESIGN CHANGE IN ADVANCE OF THE PLACEMENT OF PAVEMENT.

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	DESIGN QUALITY ASSURANCE ENGINEER: HARDESTY & HANOVER  6/10/2021 DATE ELANA FREEDMAN, P.E. THIS DRAWING HAS UNDERGONE REVIEWS AS REQUIRED TO BE RELEASED FOR CONSTRUCTION UNDER RFP PART 3, SECTION 5.8.3 OF THE CONTRACT DOCUMENTS.	HUNTS POINT INTERSTATE ACCESS IMPROVEMENT PROJECT	PIN X731.63	BRIDGES	CULVERTS	ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED INDEX OF DRAWINGS	CONTRACT NUMBER D900047
		CONTRACT 1					DRAWING NO. IND-01-07
							SHEET NO. 07-002
		COUNTY: BRONX	REGION: 11				

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

RELEASE FOR CONSTRUCTION

SKANSKA ECCC HPA  
JOINT VENTURE



Department of  
Transportation

ALIGNMENT			LANDSCAPE			ROADWAY			TRAFFIC WORK ZONE		
STYLE	NAME	DESCRIPTION	STYLE	NAME	DESCRIPTION	STYLE	NAME	DESCRIPTION			
	AC	CONTROL (CENTERLINE)		LABL	AREA, BRUSH LINE		RCZ_P	CLEAR ZONE		TWZBT_P	BARRIER, TEMPORARY
	AD_P	DETOUR		LAHR	AREA, HEDGE ROW		RG	GUIDE RAIL, MISCELLANEOUS		TWZBTWL_P	BARRIER, TEMPORARY, W/ WARNING LIGHTS
	AT_P	TRANSITION CONTROL		LAPB	AREA, PLANTING BED		RGB	GUIDE RAIL, BOX BEAM		TWZCD_P	CHANNELIZING DEVICE
BRIDGE				LAWA	AREA, WOODED AREA OUTLINE		RGBM	GUIDE RAIL, BOX BEAM, MEDIAN		TWZPMRC_P	PAVEMENT MARKING REMOVAL OR COVERING
	BR	RAIL		LAW	AREA, WATERS EDGE		RGC	GUIDE RAIL, CABLE	UTILITIES		
	BSHT	SHEET PILING		LCUT_P	CUT LIMIT		RGCB	GUIDE RAIL, CONCRETE BARRIER	STYLE	NAME	DESCRIPTION
CONTROL				LFILL_P	FILL LIMIT		RGP_P	GUIDE POST		UC	CONDUIT, UNDERGROUND
	CB	BASELINE		LFNC	FENCE		RGW	GUIDE RAIL, W BEAM		UCH	CONDUIT, HANGING
	CBPR	BASELINE, PROJECTION		LTRC	TREE ROW, CONIFEROUS		RGWM	GUIDE RAIL, W BEAM, MEDIAN		UCO	CONDUIT, OVERHEAD
DRAINAGE				LTRD	TREE ROW, DECIDUOUS		RPB	PARKING BUMPER		UE	ELECTRIC LINE, UNDERGROUND
	DCP	CULVERT PIPE		LWH	WALL, H PILE		RRC	RAIL ROAD, CATENARY		UEH	ELECTRIC LINE, HANGING
	DCP_P	CULVERT PIPE (DIR)		LWR	WALL, RETAINING		RRER	RAIL ROAD, 3RD RAIL		UEO	ELECTRIC LINE, OVERHEAD
	DDG_P	DITCH, GRASS LINED		LWS	WALL, STONE		RRPLS_P	RAIL, PHOTO, LARGE SCALE		UETO	ELECTRIC TRANSMISSION, OVERHEAD
	DDP_P	DITCH, PAVED INVERT	ROW MAPPING				RRPS	RAIL, PHOTO, SMALL SCALE		UESS	ELECTRIC, SUBSTATIONS
	DDS_P	DITCH, STONE LINED		MDL	DEED LINE		RRPSS	RAIL, PHOTO, SMALL SCALE		UFO	FIBER OPTIC, UNDERGROUND
	DFL_P	FLOW LINE		MEE	EASEMENT, EXISTING		RRS	RUMBLE STRIP		UFOH	FIBER OPTIC, HANGING
	DSSD	SLOTTED DRAIN		MEP_P	EASEMENT, PERMANENT		RRSL_P	RAIL, SURVEY, LARGE SCALE		UFOO	FIBER OPTIC, OVERHEAD
	DUD_P	UNDERDRAIN		MEPA_P	EASEMENT, PERMANENT, APPROX.		RRSS	RAIL, SURVEY, SMALL SCALE		UG	GAS, UNDERGROUND
ENVIRONMENTAL				MET_P	EASEMENT, TEMPORARY	SIGNS				UGH	GAS, HANGING
	EBLHS	BALE, STRAW		META_P	EASEMENT, TEMPORARY, APPROX.		SBLB	BILLBOARDS		UGO	GAS, OVERHEAD
	ECT	CURTAIN, TURBIDITY		MFE	FEE ACQUISITION, W/ ACCESS		SM	MULTIPLE POST		UIC	INFORM CABLE, UNDERGROUND
	EDMC	DAM, COFFER		MFA_P	FEE ACQUISITION, APPROXIMATE		SSO	STRUCTURE, OVERHEAD		UICH	INFORM CABLE, HANGING
	EDMEC_P	DAM, EARTHEN CHECK		MFS_P	FEE ACQUISITION, SHAPE		SSOC	STRUCTURE, OVHD, CANTILEVER		UO	OIL LINE, UNDERGROUND
	EDMGSC_P	DAM, GRAVEL BAG/SAND BAG CHECK		MFWOA_P	FEE ACQUISITION, W/O ACCESS	STRIPING				UOH	OIL LINE, HANGING
	EDMPC_P	DAM, PREFABRICATED CHECK		MHA	HISTORICAL, ACQUISITION		STB*	BROKEN LINE		UPBP	POLE, BRACE, PUSH BRACE
	EDMSC_P	DAM, STONE CHECK		MHB	HIGHWAY BOUNDARY		STDB*	DOUBLE BROKEN LINE		UPGW	POLE, GUY WIRE
	EFNS	FENCE, SILT		MHB	HIGHWAY BOUNDARY, APPROX.		STD*	DOTTED LINE LONG		USA	SANITARY SEWER, UNDERGROUND
	EFNSV	FENCE, SILT & VEGETATION		MHBW	HWY BOUNDARY, FACE OF WALL		STDS*	DOTTED LINE SHORT		USAH	SANITARY SEWER, HANGING
	EFNV	FENCE, VEGETATION		MHBWOA	HIGHWAY BOUNDARY, W/O ACCESS		STFB*	FULL BARRIER LINE		USAF	SANITARY SEWER, FORCE MAIN, UGND
	EWAA_P	WETLAND, ADJACENT AREA		MJC	JURISDICTION, CITY		STH*	HATCH LINE		USAFH	SANITARY SEWER, FORCE MAIN, HANG
	EW	WETLAND, FEDERAL		MJCY	JURISDICTION, COUNTY		STPB*	PARTIAL BARRIER LINE		UT	TELEPHONE, UNDERGROUND
	EWFS	WETLAND, FEDERAL AND STATE		MJHD	JURISDICTION, HISTORIC DISTRICT		STRT	ROUNDAABOUT, CAT TRACKS		UTH	TELEPHONE, HANGING
	EWM	WETLAND, MITIGATION AREA		MJLL	JURIS., (GREAT, MILITARY) LOT LINE		STRYL	ROUNDAABOUT, YIELD LINE		UTO	TELEPHONE, OVERHEAD
	EWS	WETLAND, STATE		MJN	JURISDICTION, NATION		STSB	STOP BAR		UTV	CABLE TV, UNDERGROUND
				MJPB	JURISDICTION, PUBLIC LANDS		STSE*	SOLID, EDGE		UTVH	CABLE TV, HANGING
				MJS	JURISDICTION, STATE		STXL	X WALK, LADDER LINE		UTVO	CABLE TV, OVERHEAD
				MJT	JURISDICTION, TOWN		STXLB	X WALK, LADDER BAR LINE		UUJ	UNKNOWN, UNDERGROUND
				MJV	JURISDICTION, VILLAGE					UUH	UNKNOWN, HANGING
				MPL	PROPERTY LOT LINE					UUO	UNKNOWN, OVERHEAD
				MPLA	PROPERTY LOT LINE, APPROXIMATE					UW	WATER LINE, UNDERGROUND
				MSL	SUB LOT LINE					UWH	WATER LINE, HANGING
						TRAFFIC CONTROL				UWO	WATER LINE, OVERHEAD
							TCSW	SIGNAL, SPAN WIRE			

- THE LEGEND ILLUSTRATES MAPPING FEATURES (EXISTING AND PROPOSED).
- FEATURES ARE SHOWN AS EITHER LINEAR (ROADWAY GUIDERAIL, ROADWAY SIDEWALK, UTILITY LINES, ETC.) OR POINT (SIGN, UTILITY POLE, ETC.).
- FEATURES SHOWN ON THE LEGEND AS EXISTING FEATURES ALSO HAVE CORRESPONDING PROPOSED FEATURES.
- PROPOSED FEATURE SYMBOLOGY IS IDENTICAL TO EXISTING FEATURE SYMBOLOGY EXCLUDING LINE WEIGHT. LINE WEIGHT FOR PROPOSED FEATURES IS THICKER (0.015 in ON B SIZE DRAWINGS).
- MAPPING FEATURES NOT INCLUDED ON THE LEGEND SHEET DO NOT HAVE A UNIQUE SYMBOLOGY (SUCH AS THE PAVEMENT EDGE, PAVEMENT EDGE OF TRAVEL WAY) AND SHOULD BE LABELED ON THE PLANS.
- FEATURES SHOWN AT THE HEAVIER WEIGHT ARE PROPOSED ONLY AND DO NOT HAVE CORRESPONDING EXISTING FEATURES.

FOR REFERENCE ONLY

NOT FOR CONSTRUCTION

SKANSKA

ETECO

HPA

JOINT VENTURE

HUNTS POINT INTERSTATE ACCESS IMPROVEMENT PROJECT	PIN X731.63	BRIDGES	CULVERTS	ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED	CONTRACT NUMBER D900047
CONTRACT 1				DRAWING LEGEND SHEET 1 OF 2	DRAWING NO. LEG-01-07 SHEET NO. 07-003
COUNTY: BRONX	REGION: 11				

Department of Transportation



ALIGNMENT			DRAINAGE			ITS			ROW MAPPING			SIGNS			UTILITIES					
CELL	NAME	DESCRIPTION	CELL	NAME	DESCRIPTION	CELL	NAME	DESCRIPTION	CELL	NAME	DESCRIPTION	CELL	NAME	DESCRIPTION	CELL	NAME	DESCRIPTION			
	ACC	CENTER OF CURVATURE		DINV	INVERT		IANT P	ANTENNAS		MDL1P	DEED LINE, TYPE 1		S	SINGLE POST		UEB	ELECTRIC, BOX			
	ACOGO	COGO		DS	STRUCTURE, RECTANGULAR		IASCTS	ACCOU. SPEED/COUNT SNSR.S		MDL2P	DEED LINE, TYPE 2		S.P	SINGLE POST, PROPOSED		UEM	ELECTRIC, METER			
	ACS	CURVE TO SPIRAL		DSI	STRUCTURE, INVERT		ICABPAD	CABINET & PAD		MDL3P	DEED LINE, TYPE 3		SB.P	BACK TO BACK, PROPOSED		UEMH	ELECTRIC, MANHOLE			
	ADPL.P	DETOUR, POINT OF INTERSECT.		DSM	STRUCTURE, MANHOLE		ICCTV	CCTV SITE		MDL4P	DEED LINE, TYPE 4		SDEL	DELINEATORS		UEPT	ELECTRIC, POLE, TRANS.			
	ADPL.P	DETOUR, POINT ON LINE		DSMTXX.P	STRUCTURE, MANHOLE, TYPE "XX" "XX" = 48, 60, 72, 96		ICDPD	CDPD TRANSCEIVER		MDL5P	DEED LINE, TYPE 5		SPM	PARKING METER		UGM	GAS, METER			
	AEQN	EQUATION		DSR	STRUCTURE, ROUND		ICELLT	CELL PHONE TOWER		MEEP	EASEMENT, EXISTING		SRM	REFERENCE MARKERS		UGMH	GAS, MANHOLE			
	AEQNAHD	EQUATION AHEAD					ICJB	CONDUIT JACK OR BORING		MEPAP.P	EASEMENT, PERM., APPROX.		SRSC3	SHLD, CTY, 123 DIG.		UCLM	GAS, LINE MARKER			
	AEQNBK	EQUATION BACK					ICNTLCAB	CONTROLLER CABINET		MEPP.P	EASEMENT, PERM., BACK LINE		SRSC4	SHLD, CTY, 4 DIG.		UGP	GAS/FUEL PUMP			
	AEVT	EVENT STATION		DST"X"CB P	STRUCTURE, RECT., WITH CURB TYPE "X" "X" = F, G, N, O, P, R		ICPB	COMMUNICATION PULL BOX		MEPSP.P	EASEMENT, PERM., SHAPE		SRSCT2	SHLD, CTY TOUR, 1-2 DIG.		UCV	GAS, VALVE			
	APC	POINT OF CURVATURE		DST"X" P	STRUCTURE, RECT., TYPE "X" "X" = I, K, L, M, O, P, U		ICTD	CONDUIT TURNING DOWN		MFAP.P	FEE ACQUISITION, APPROX.		SRSCT4	SHLD, CTY TOUR, 3-4 DIG.		UGVT	GAS, VENT			
	APCC	POINT OF COMPOUND CURVATURE					ICTU	CONDUIT TURNING UP		MFP.P	FEE ACQUISITION, BACK LINE		SRSI	SHLD, INTERSTATE		ULP	LIGHTING, POLE			
	API	POINT OF INTERSECTION	ENVIRONMENTAL				ICVTRT	COMM. VEH. ROAD TRANSCEIVER		MFSP.P	FEE ACQUISITION, SHAPE		SRSN2	SHLD, NATIONAL, 2 DIG.		ULPM	LIGHTING, POLE, MEDIAN			
	APOB	POINT OF BEGINNING					IDEFAULT	DEFAULT		MHBAP	HIGHWAY BNDRY., APPROX.		SRSN3	SHLD, NATIONAL, 3 DIG.		ULPP	LIGHTING, POLE, PED.			
	APOC	POINT OF CURVATURE		EIOP.P	STR., INLET, OUTLET PROT.		IEZR	E-ZPASS READER		MHBCP	HISTORICAL, BLDG. CORNERS		SRSS2	SHLD, STATE, 2 DIG.		UMFC	MISC. FILLER CAP			
	APOE	POINT OF END		EIPGB.P	STR., INLET PROT., GRAVEL BAG		IEZTR	TRANSMITTAL READER		MHBP	HIGHWAY BNDRY, PT.		SRSS3	SHLD, STATE, 3 DIG.		UOLM	OIL, LINE MARKER			
	APOL	POINT ON LINE		EIPHS.P	STR., INLET PROT., HAY/STRAW		IFOXCAB	FIBER OPTIC X-CONNECT CABINET		MJCP	PT., JURIS. CITY		SRSS4	SHLD, STATE, 4 DIG.		UP	POLE, WITH UTILITY			
	APOS	POINT ON SPIRAL		EIPP.P	STR., INLET PROT., PREFAB.		IFUSSPL	FUSION SPLICE		MPBC	PT., BUILDING CORNER	TRAFFIC CONTROL				UPD	POLE, DEAD (NO UTILITY)			
	APOT	POINT ON TANGENT		EIPSF.P	STR., INLET PROT., SILT FENCE		IHARADV	HAR ADVISORY SIGN		MPCC	PT., CROSS CUT					UPL	POLE, WITH LIGHT			
	APOVC	POINT ON VERTICAL CURVE		EIPSF.P	STR., INLET PROT., SILT FENCE		IHARST	HAR SITE		MPDH	PT., DRILL HOLE		TCBJ	BOX, JUNCTION		USMH	SANITARY SEWER MANHOLE			
	APOVT	POINT ON VERTICAL TANGENT					ILC	LOAD CENTER		MPF	PT., FENCE LOCATION		TCBP	BOX, PULL BOX		UTB	TELEPHONE, BOOTH			
	APORC	POINT ON REVERSE CURVE				IMECSPL	MECHANICAL SPLICE		TC	TELEPHONE DEMARCATION BLK		TCBS	BOX, SPLICE		UTLM	TELEPHONE, LINE MARKER				
	APT	POINT OF TANGENCY		PM	PORT. SPEED & COUNT SENSOR		ETRS.P	TRAP, SEDIMENT		MPIP	PT., IRON PIPE		TCMC	MICROCOMPUTER CABINET		UTMH	TELEPHONE, MANHOLE			
	APVC	POINT OF VERTICAL CURVATURE		M	MICRO SPEED & COUNT SENSOR		EWFG	WETLAND FLAG		MPIR	PT., IRON ROD		TCPP	PED POLE		UTVLM	CABLE TV, LINE MARKER			
	APVCC	POINT OF VERT. CMPND CURVE		M	MICROWAVE TRANSCEIVER		V	VERT. CURVATURE		MPM	PT., MONUMENT		TCSH	SIGNAL HEADS		UTVPB	CABLE TV, PULL BOX			
	APVI	POINT OF VERT. INTERSECTION	GEOTECHNICAL				O	OVERHEAD VMS		MPMM	PT., MONUMENT, MISC.		TCSP	SIGNAL POLE		UUB	UNKNOWN, BOX			
	APVRC	POINT OF VERT. REVERSE CURVE					PA	PORT. ACCOU. SPD & CNT. SENSOR		MPN	PT., NAIL		TWZAP.P	ARROW PANEL		UUMH	UNKNOWN, MANHOLE			
	APVT	POINT OF VERTICAL TANGENCY	LANDSCAPE				IPEDS	PEDESTRIAN SIGNAL HEAD		MPRS	PT., RAILROAD SPIKE	TRAFFIC WORK ZONE				UUPB	UNKNOWN, PULL BOX			
	ASC	SPIRAL TO CURVE					IPSS	PAVEMENT SURFACE SENSOR		MPST	PT., STAKE					UUVL	UNKNOWN, VALVE			
	ASPI	SPIRAL POINT OF INTERSECTION		L	LINE WEIGHT		IPVMS	PERM. VMS		MPTW	PT., TREE W/ WIRE		TWZBCD.P	BARRICADE (TYPE III)		UUVT	UNKNOWN, VENT			
	ASTS	SPIRAL TO SPIRAL		LMB	MAILBOX		IRM	RAMP METER		MPWL	PT., WALL LOCATION		TWZCMS.P	CHANGEABLE MESSAGE SIGN (PVMS)		UUV	UNKNOWN, WELL			
	AST	SPIRAL TO TANGENT		LPB	PAPER BOX		IRWIS	RDWY WEATHER INFO. SENSOR	ROW ACQUISITION				TWZFLG.P	FLAGGER		UWFH	WATER, FIRE HYDRANT			
	ATS	TANGENT TO SPIRAL		LPST	POST, SINGLE		ISP	SOLAR PANEL					MFS.P.T	FEE ACQUISITION		TWZFT.P	FLAG TREE		UWM	WATER, METER
	AVEVT	VERTICAL EVENT POINT		LRB	ROCK, BOULDER		ISST	SPREAD SPECT. TRANSCEIVER		MEPS.P.T	EASEMENT, PERMANENT		TWZIA.P	IMPACT ATTENUATOR / CRASH CUSHION (TEMPORARY)		UWMH	WATER, MANHOLE			
	AVHIGH	VERTICAL HIGH POINT		LSHC	SHRUB, CONIFEROUS		ITDB	TELEPHONE DEMARCATION BLK		METS.P.T	EASEMENT, TEMPORARY		TWZLUM.P	LUMINAIRE (TEMPORARY)		UWV	WATER, VALVE			
	AVLOW	VERTICAL LOW POINT		LSHD	SHRUB, DECIDUOUS		ITP	SUBSURFACE TEMP. PROBE		METS.P.T	OCCUPANCY, TEMPORARY		TWZSDT.P	SYMBOL, DIRECTION OF TRAFFIC		UWW	WATER, WELL			
BRIDGE				LTC	TREE, CONIFEROUS		IVTRT	VEHICLE TO RDWY TRANSCEIVER		MFS.P.T	FEE ACQUISITION W/O ACCESS		TWZSDTD.P	SYMBOL, DIRECTION OF TEMPORARY TRAFFIC DETOUR	FOR REFERENCE ONLY NOT FOR CONSTRUCTION					
				LTD	TREE, DECIDUOUS		IWIND	WEIGHT IN MOTION DETECTOR		IWVR	WIRELESS VIDEO REPEATER		TWZSGN.P	SIGN (TEMPORARY)						
CONTROL				LTS	TREE, STUMP		IWVRC	WIRELESS VIDEO RECEIVER		TWZSIG.P	SIGNAL, TRAFFIC OR PEDESTRIAN (TEMPORARY)		TWZWV.P	WORK VEHICLE						
				LTW.P	TREE, WELL OR WALL		IWVTT	WIRELESS VIDEO TRANSMITTER		TWZWVA.P	WORK VEHICLE WITH TRUCK MOUNTED ATTENUATOR									
	LUKP	UNKNOWN POINT	1. THE LEGEND ILLUSTRATES MAPPING FEATURES (EXISTING AND PROPOSED). 2. FEATURES ARE SHOWN AS EITHER LINEAR (ROADWAY GUIDERAIL, ROADWAY SIDEWALK, UTILITY LINES, ETC.) OR POINT (SIGN, UTILITY POLE, ETC.). 3. FEATURES SHOWN ON THE LEGEND AS EXISTING FEATURES ALSO HAVE CORRESPONDING PROPOSED FEATURES. 4. PROPOSED FEATURE SYMBOLOGY IS IDENTICAL TO EXISTING FEATURE SYMBOLOGY EXCLUDING LINE WEIGHT. LINE WEIGHT FOR PROPOSED FEATURES IS THICKER (0.015 in ON B SIZE DRAWINGS). 5. MAPPING FEATURES NOT INCLUDED ON THE LEGEND SHEET DO NOT HAVE A UNIQUE SYMBOLOGY (SUCH AS THE PAVEMENT EDGE, PAVEMENT EDGE OF TRAVEL WAY) AND SHOULD BE LABELED ON THE PLANS. 6. FEATURES SHOWN AT THE HEAVIER WEIGHT ARE PROPOSED ONLY AND DO NOT HAVE CORRESPONDING EXISTING FEATURES.			HUNTS POINT INTERSTATE ACCESS IMPROVEMENT PROJECT			PIN X731.63			BRIDGES		CULVERTS				ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED		CONTRACT NUMBER
BSC						BRIDGE, SCUPPER			CONTRACT 1										D900047	
																			DRAWING NO. LEG-02	
																			SHEET NO. 07-004	
CBP			BASELINE, POINT			COUNTY: BRONX			REGION: 11									Department of Transportation		
CBPOL			BASELINE, POINT ON LINE																	
CBSP			BASELINE, SPUR POINT																	
CBTP			BASELINE, TIE POINT																	
CPBM			BENCHMARK																	
CPH			POINT, HORIZ. PHOTOGRAMMETRY																	
CPSM			POINT, SURVEY MARKER, PERM.																	
CPSV			POINT, VERT., PHOTOGRAMMETRY																	



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USER = jntpw11-pw-svc

007-RFC-001-003

PROJECT MANAGER B. STRIZKI

CHECK CG/BM/KW

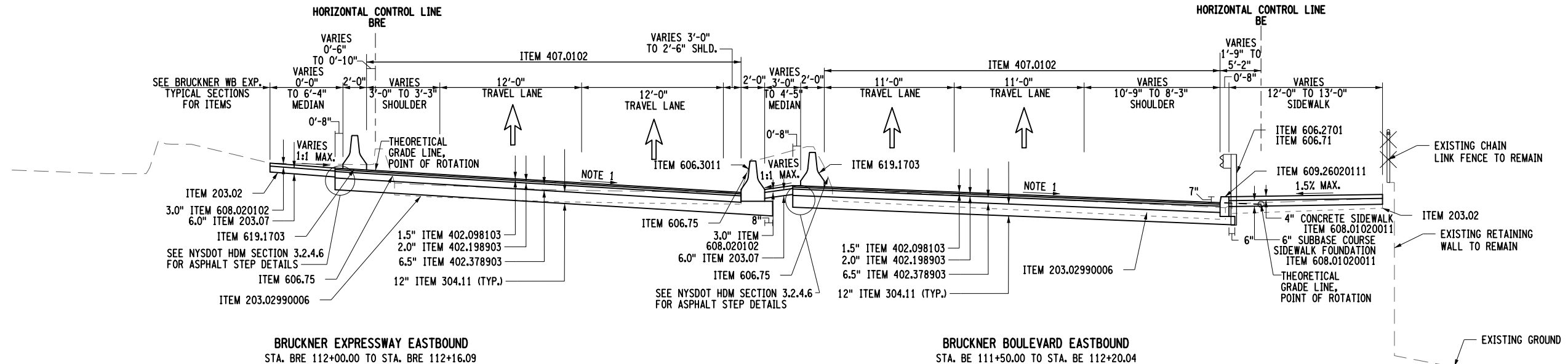
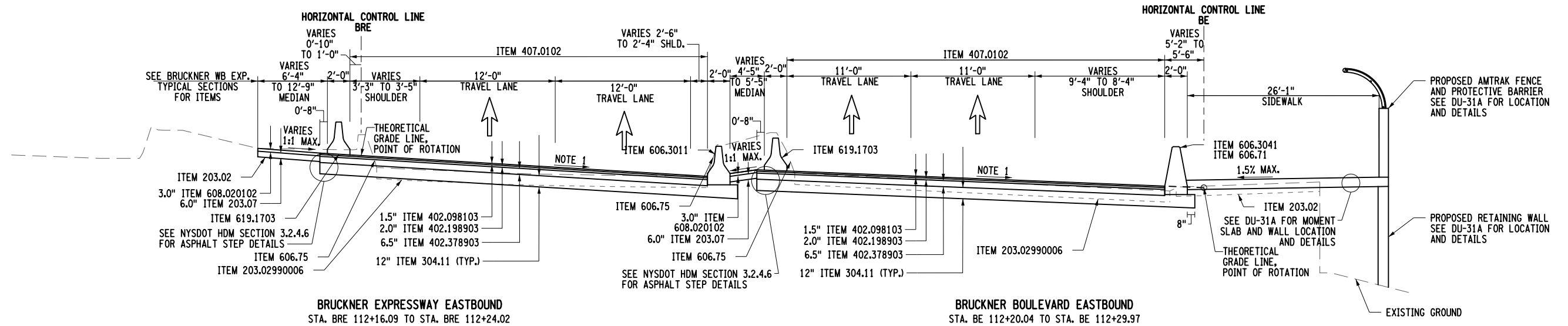
DRAFTING C. WISNER

CHECK S. REYNOLDS

DESIGN CG/BM/KW

JOB MANAGER CG/BM/KW

DESIGN SUPERVISOR S. REYNOLDS



ITEM	DESCRIPTION	UNIT	ITEM	DESCRIPTION	UNIT	NOTES:
203.02	UNCLASSIFIED EXCAVATION AND DISPOSAL	CY	407.0102	DILUTED TACK COAT	GAL	1. SEE PROFILES FOR PROPOSED SUPERELEVATION RATES. 2. TACK COAT ITEM 407.0102 SHALL BE PLACED BETWEEN ALL ASPHALT COURSES AND BETWEEN A MILLED SURFACE AND AN ASPHALT COURSE. 3. THE SUBBASE COURSE, ITEM 304.11 SHALL BE PLACED A MINIMUM OF 2 INCHES BELOW THE EXISTING SUBBASE OR AT A THICKNESS OF 1 FOOT, WHICHEVER IS GREATER. 4. SEE DU-31 FOR APPROACH SLAB AND BRIDGE DETAILS FOR PROPOSED BRIDGE OVER RAILROAD CORRIDOR.
203.02990006	PAVEMENT EXCAVATION	SF	606.2701	HPBO (MOD.) CORRUGATED BEAM GUIDE RAILING	LF	
203.07	SELECT GRANULAR FILL	CY	606.3011	CONCRETE BARRIER TYPE A (PRECAST)	LF	
304.11	SUBBASE COURSE, TYPE 1	CY	606.71	REMOVING AND DISPOSING CORRUGATED BEAM GUIDE RAILING	LF	
402.098103	9.5 F1 TOP COURSE HMA, 80 SERIES COMPACTION	TON	606.75	REMOVING AND DISPOSING CONCRETE BARRIER	LF	
402.198903	19 F9 BINDER COURSE HMA, 80 SERIES COMPACTION	TON	608.01020011	CONCRETE SIDEWALK WITH FOUNDATION (NEW YORK CITY)	CY	
402.378903	37.5 F9 BASE COURSE HMA, 80 SERIES COMPACTION	TON	608.020102	HOT MIX ASPHALT (HMA) VEGETATION CONTROL STRIPS	TON	
			609.26020111	CONCRETE CURB, STEEL FACED (NYC) TYPE D	LF	
			619.1703	TEMPORARY CONCRETE BARRIER, (PINNED)	LF	

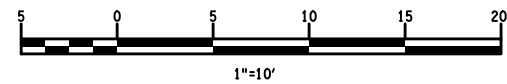
AFFIX SEAL: SHAWN E. REYNOLDS  
ON: 11-30-2020

ALTERED BY:  
ON:



AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	DESIGN QUALITY ASSURANCE ENGINEER: HARDESTY & HANOVER 6/10/2021 ELANA FREEDMAN, P.E. DATE THIS DRAWING HAS UNDERGONE REVIEWS AS REQUIRED TO BE RELEASED FOR CONSTRUCTION UNDER RFP PART 3, SECTION 5.8.3 OF THE CONTRACT DOCUMENTS.	HUNTS POINT INTERSTATE ACCESS IMPROVEMENT PROJECT CONTRACT 1 COUNTY: BRONX REGION: 11	PIN X731.63	BRIDGES	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED TYPICAL SECTION	CONTRACT NUMBER D900047 DRAWING NO. TYP-01-07 SHEET NO. 07-005
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IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

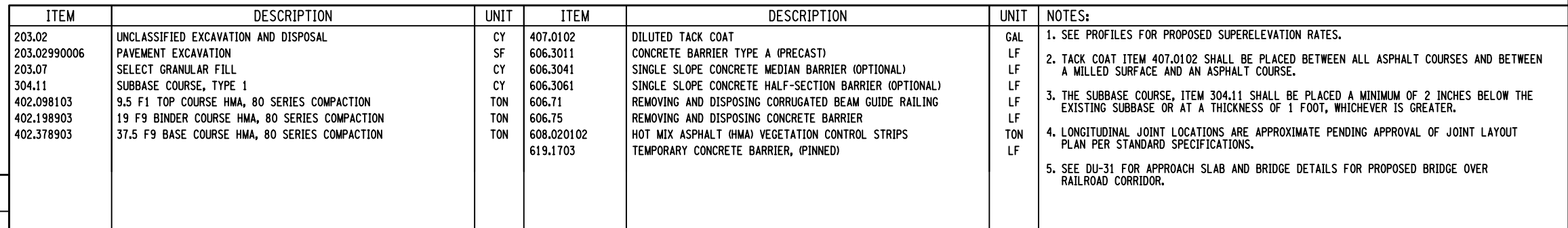


RELEASE FOR CONSTRUCTION

SKANSKA ECCC HPA  
JOINT VENTURE

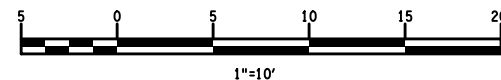


NEW YORK  
STATE OF  
OPPORTUNITY  
Department of  
Transportation



AFFIX SEAL: SHAWN E. REYNOLDS  
ON: 11-30-2020


ALTERED BY:  
ON:



RELEASE FOR CONSTRUCTION

**SKANSKA** *ECCO* HPA  
JOINT VENTURE

AS-BUILT REVISIONS  
DESCRIPTION OF ALTERATIONS:

DESIGN QUALITY ASSURANCE ENGINEER:  
HARDESTY & HANOVER  
  
6/10/2021  
ELANA FREEDMAN, P.E. DATE  
THIS DRAWING HAS UNDERGONE REVIEWS AS  
REQUIRED TO BE RELEASED FOR  
CONSTRUCTION UNDER RFP PART 3, SECTION  
5.8.3 OF THE CONTRACT DOCUMENTS.

HUNTS POINT INTERSTATE ACCESS IMPROVEMENT PROJECT
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CONTRACT 1
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COUNTY: BRONX

PIN	X731.63
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BRIDGES

CULVERTS	
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ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED

TYPICAL SECTION

CONTRACT NUMBER  
D900047

DRAWING NO. TYP-02-07  
SHEET NO. 07-006

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

Department of  
Transportation

FILE NAME = D07\_X73163\_CPH\_TYP-003.dgn  
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USER = jntpm11-pw-svc

007-RFC-001-003

PROJECT MANAGER B. STRIZKI

CHECK CG/BM/KW

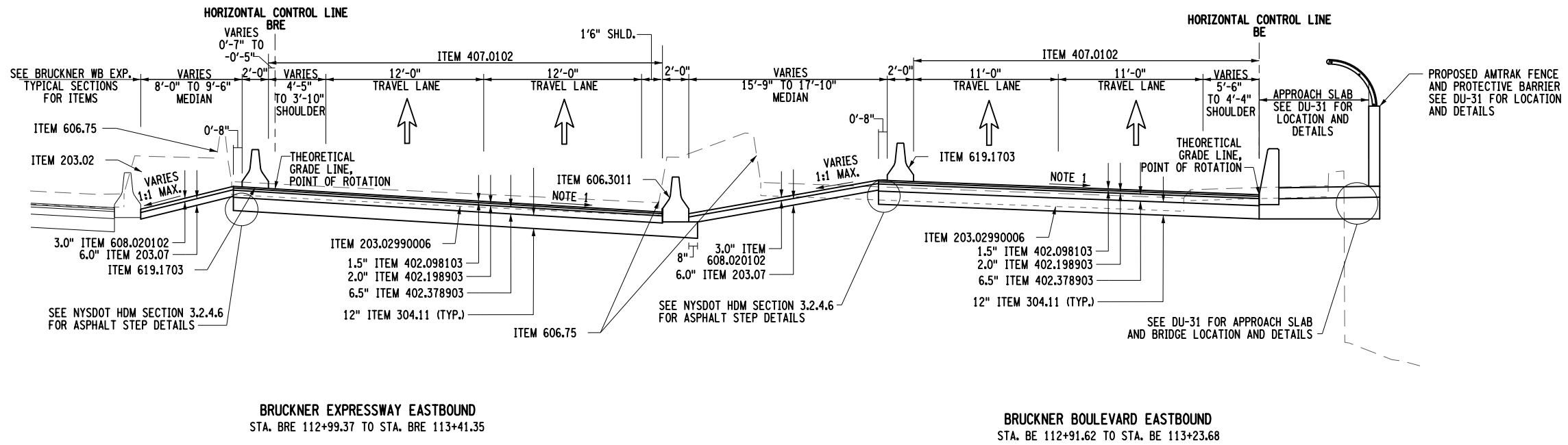
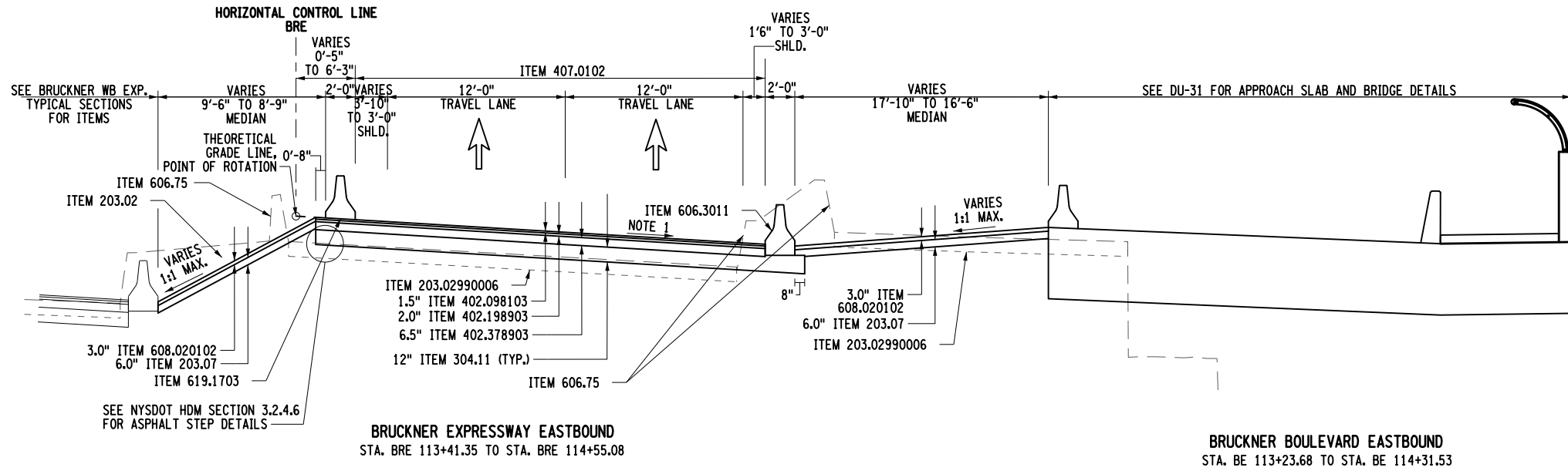
DRAFTING C. WISNER

CHECK S. REYNOLDS

DESIGN CG/BM/KW

JOB MANAGER CG/BM/KW

DESIGN SUPERVISOR S. REYNOLDS



ITEM	DESCRIPTION	UNIT	ITEM	DESCRIPTION	UNIT	NOTES:
203.02	UNCLASSIFIED EXCAVATION AND DISPOSAL	CY	407.0102	DILUTED TACK COAT	GAL	1. SEE PROFILES FOR PROPOSED SUPERELEVATION RATES.
203.02990006	PAVEMENT EXCAVATION	SF	606.3011	CONCRETE BARRIER TYPE A (PRECAST)	LF	2. TACK COAT ITEM 407.0102 SHALL BE PLACED BETWEEN ALL ASPHALT COURSES AND BETWEEN A MILLED SURFACE AND AN ASPHALT COURSE.
203.07	SELECT GRANULAR FILL	CY	606.75	REMOVING AND DISPOSING CONCRETE BARRIER	LF	3. THE SUBBASE COURSE, ITEM 304.11 SHALL BE PLACED A MINIMUM OF 2 INCHES BELOW THE EXISTING SUBBASE OR AT A THICKNESS OF 1 FOOT, WHICHEVER IS GREATER.
304.11	SUBBASE COURSE, TYPE 1	CY	608.020102	HOT MIX ASPHALT (HMA) VEGETATION CONTROL STRIPS	TON	4. SEE DU-31 FOR APPROACH SLAB AND BRIDGE DETAILS FOR PROPOSED BRIDGE OVER RAILROAD CORRIDOR.
402.098103	9.5 F1 TOP COURSE HMA, 80 SERIES COMPACTION	TON	619.1703	TEMPORARY CONCRETE BARRIER, (PINNED)	LF	5. SEE NYSDOT STANDARD DETAILS 502-06 FOR CONCRETE PAVEMENT AND 606-13 FOR CONCRETE BARRIER JOINT SEALER DETAILS.
402.198903	19 F9 BINDER COURSE HMA, 80 SERIES COMPACTION	TON				
402.378903	37.5 F9 BASE COURSE HMA, 80 SERIES COMPACTION	TON				

AFFIX SEAL: SHAWN E. REYNOLDS  
ON: 11-30-2020

ALTERED BY:  
ON:



AS-BUILT REVISIONS  
DESCRIPTION OF ALTERATIONS:

DESIGN QUALITY ASSURANCE ENGINEER:  
HARDESTY & HANOVER  
DATE: 6/10/2021  
ELANA FREEDMAN, P.E.  
THIS DRAWING HAS UNDERGONE REVIEWS AS  
REQUIRED TO BE RELEASED FOR  
CONSTRUCTION UNDER RFP PART 3, SECTION  
5.8.3 OF THE CONTRACT DOCUMENTS.

HUNTS POINT INTERSTATE ACCESS IMPROVEMENT PROJECT

CONTRACT 1

COUNTY: BRONX

PIN X731.63

BRIDGES

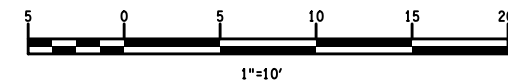
CULVERTS

ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED

TYPICAL SECTION

CONTRACT NUMBER  
D900047

DRAWING NO. TYP-03-07  
SHEET NO. 07-007



RELEASE FOR CONSTRUCTION

SKANSKA **ETECO** HPA  
JOINT VENTURE

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.



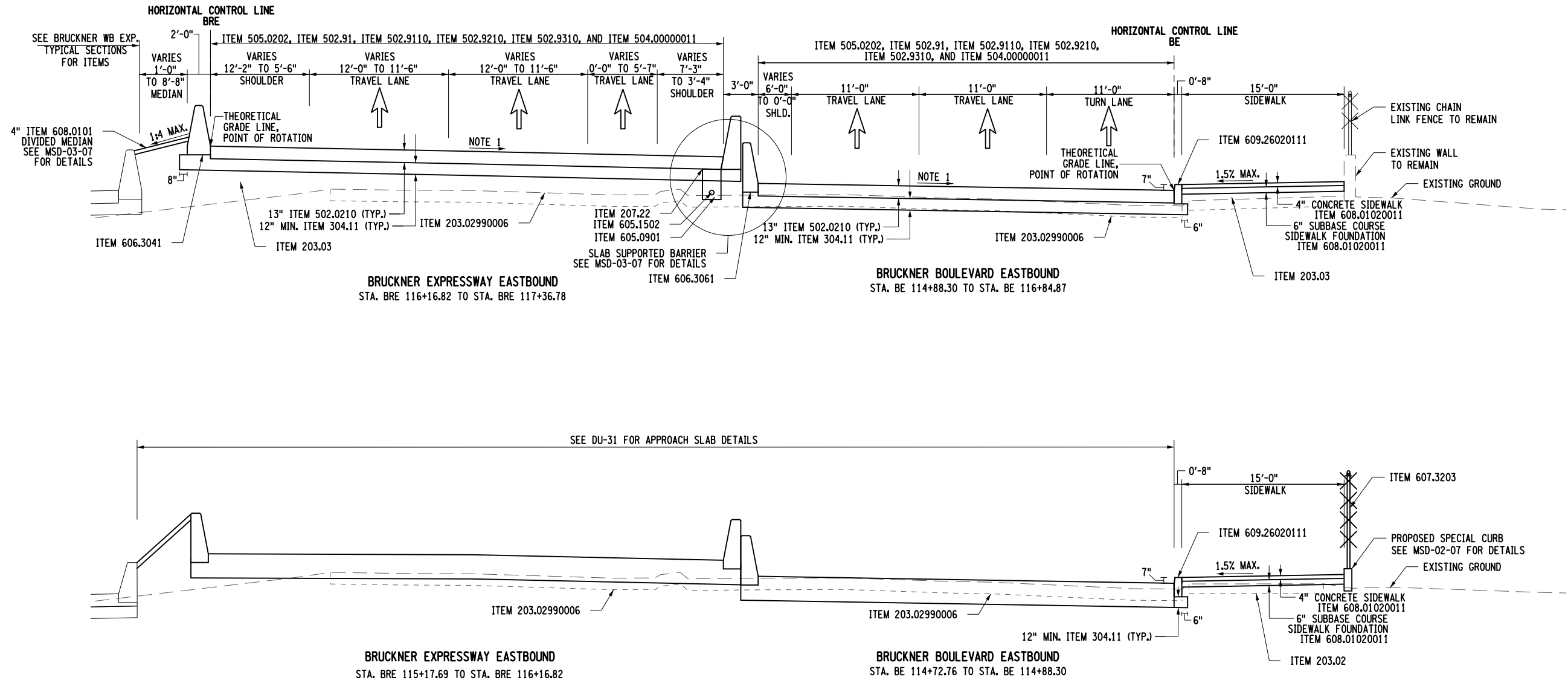
NEW YORK  
STATE OF  
OPPORTUNITY.  
Department of  
Transportation



FILE NAME = DUT\_X73163\_CPH\_TYP-004.dgn  
DATE/TIME = 01-DEC-2020 21:22  
USER = jntpm11-pw-svc

007-RFC-001-003

PROJECT MANAGER B. STRIZKI  
CHECK CG/BM/KW  
DRAFTING C. WISNER  
CHECK S. REYNOLDS  
DESIGN CG/BM/KW  
JOB MANAGER CG/BM/KW  
DESIGN SUPERVISOR S. REYNOLDS



ITEM	DESCRIPTION	UNIT	ITEM	DESCRIPTION	UNIT
203.02	UNCLASSIFIED EXCAVATION AND DISPOSAL	CY	504.00000011	PERFORMANCE ENGINEERED CONCRETE MIXTURE FOR PAVEMENTS	LS
203.02990006	PAVEMENT EXCAVATION	SF	505.0202	PRODUCTION DIAMOND GRINDING OF NEW PCC PAVEMENT WITH SLURRY REMOVAL	SY
203.03	EMBANKMENT IN PLACE	CY			
207.22	GEOTEXTILE DRAINAGE	SY	605.0901	UNDERDRAIN FILTER TYPE 1	CY
304.11	SUBBASE COURSE, TYPE 1	CY	605.1502	PERFORATED CORRUGATED POLYETHYLENE UNDERDRAIN TUBING, 6 INCH DIAMETER	LF
502.0210	PCC PAVEMENT, UNREINFORCED, PERFORMANCE, TYPE 1, EPOXY COATED	CY	606.3041	SINGLE SLOPE CONCRETE MEDIAN BARRIER (OPTIONAL)	LF
502.91	TRANSVERSE JOINTS	LF	606.3061	SINGLE SLOPE CONCRETE HALF SECTION BARRIER (OPTIONAL)	LF
502.9110	LONGITUDINAL JOINTS	LF	607.3203	OPTIONAL CHAIN-LINK FENCE, TYPE II, WITH TOP RAIL 8 FEET HIGH	LF
502.9210	SEALING TRANSVERSE JOINTS - HIGHWAY JOINT SEALANT	LF	608.0101	CONCRETE SIDEWALKS AND DRIVEWAYS	LF
502.9310	SEALING LONGITUDINAL JOINTS - HIGHWAY JOINT SEALANT	LF	608.01020011	CONCRETE SIDEWALK WITH FOUNDATION (NEW YORK CITY)	CY
			609.26020111	CONCRETE CURB, STEEL FACED (NYC) TYPE D	SY

- NOTES:
- SEE PROFILES FOR PROPOSED SUPERELEVATION RATES.
  - TACK COAT ITEM 407.0102 SHALL BE PLACED BETWEEN ALL ASPHALT COURSES AND BETWEEN A MILLED SURFACE AND AN ASPHALT COURSE.
  - THE SUBBASE COURSE, ITEM 304.11 SHALL BE PLACED A MINIMUM OF 2 INCHES BELOW THE EXISTING SUBBASE OR AT A THICKNESS OF 1 FOOT, WHICHEVER IS GREATER.
  - SEE DU-31 FOR APPROACH SLAB AND BRIDGE DETAILS FOR PROPOSED BRIDGE OVER RAILROAD CORRIDOR.
  - SEE NYSDOT STANDARD DETAILS 502-06 FOR CONCRETE PAVEMENT AND 606-13 FOR CONCRETE BARRIER JOINT SEALER DETAILS.



AFFIX SEAL: SHAWN E. REYNOLDS  
ON: 11-30-2020

ALTERED BY:  
ON:

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:

DESIGN QUALITY ASSURANCE ENGINEER: HARDESTY & HANOVER  
DATE: 6/10/2021  
ELANA FREEDMAN, P.E.  
THIS DRAWING HAS UNDERGONE REVIEWS AS REQUIRED TO BE RELEASED FOR CONSTRUCTION UNDER RFP PART 3, SECTION 5.8.3 OF THE CONTRACT DOCUMENTS.

HUNTS POINT INTERSTATE ACCESS IMPROVEMENT PROJECT

CONTRACT 1

COUNTY: BRONX REGION: 11

PIN X731.63

BRIDGES

CULVERTS

ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED

TYPICAL SECTION

CONTRACT NUMBER D900047

DRAWING NO. TYP-04-07 SHEET NO. 07-008

SKANSKA ECTCO HPA JOINT VENTURE

RELEASE FOR CONSTRUCTION

1"=10'

5 0 5 10 15 20'

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

Department of Transportation

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007-RFC-001-003

PROJECT MANAGER B. STRIZKI

CHECK CG/BM/KW

DRAFTING C. WISNER

CHECK S. REYNOLDS

DESIGN CG/BM/KW

JOB MANAGER CG/BM/KW

DESIGN SUPERVISOR S. REYNOLDS

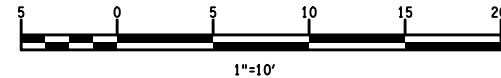
AFFIX SEAL: SHAWN E. REYNOLDS  
ON: 5-21-2021

ALTERED BY:  
ON:



ITEM	DESCRIPTION	UNIT	ITEM	DESCRIPTION	UNIT
203.02	UNCLASSIFIED EXCAVATION AND DISPOSAL	CY	504.00000011	PERFORMANCE ENGINEERED CONCRETE MIXTURE FOR PAVEMENTS	LS
203.02990006	PAVEMENT EXCAVATION	SF	505.0202	PRODUCTION DIAMOND GRINDING OF NEW PCC PAVEMENT WITH SLURRY REMOVAL	SY
203.03	EMBANKMENT IN PLACE	CY	605.0901	UNDERDRAIN FILTER TYPE 1	CY
203.07	SELECT GRANULAR FILL	CY	605.1502	PERFORATED CORRUGATED POLYETHYLENE UNDERDRAIN TUBING, 6 INCH DIAMETER	LF
207.22	GEOTEXTILE DRAINAGE	SY	606.30330008	CONCRETE MEDIAN BARRIER (MODIFIED)	LF
304.11	SUBBASE COURSE, TYPE 1	CY	606.3041	SINGLE SLOPE CONCRETE MEDIAN BARRIER (OPTIONAL)	LF
502.0210	PCC PAVEMENT, UNREINFORCED, PERFORMANCE, TYPE 1, EPOXY COATED	CY	606.3061	SINGLE SLOPE CONCRETE HALF-SECTION BARRIER (OPTIONAL)	LF
502.91	TRANSVERSE JOINTS	LF	608.0101	CONCRETE SIDEWALKS AND DRIVEWAYS	CY
502.9110	LONGITUDINAL JOINTS	LF	608.01020011	CONCRETE SIDEWALK WITH FOUNDATION (NEW YORK CITY)	SY
502.9210	SEALING TRANSVERSE JOINTS - HIGHWAY JOINT SEALANT	LF	609.26020111	CONCRETE CURB, STEEL FACED (NYC) TYPE D	LF
502.9310	SEALING LONGITUDINAL JOINTS - HIGHWAY JOINT SEALANT	LF			

NOTES:
1. SEE PROFILES FOR PROPOSED SUPERELEVATION RATES.
2. TACK COAT ITEM 407.0102 SHALL BE PLACED BETWEEN ALL ASPHALT COURSES AND BETWEEN A MILLED SURFACE AND AN ASPHALT COURSE.
3. THE SUBBASE COURSE, ITEM 304.11 SHALL BE PLACED A MINIMUM OF 2 INCHES BELOW THE EXISTING SUBBASE OR AT A THICKNESS OF 1 FOOT, WHICHEVER IS GREATER.
4. SEE DU-31 FOR APPROACH SLAB AND BRIDGE DETAILS FOR PROPOSED BRIDGE OVER RAILROAD CORRIDOR.
5. SEE NYSDOT STANDARD DETAILS 502-06 FOR CONCRETE PAVEMENT AND 606-13 FOR CONCRETE BARRIER JOINT SEALER DETAILS.



RELEASE FOR CONSTRUCTION

SKANSKA **ETECO** HPA  
JOINT VENTURE

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	DESIGN QUALITY ASSURANCE ENGINEER: HARDESTY & HANOVER 6/10/2021 ELANA FREEDMAN, P.E. DATE THIS DRAWING HAS UNDERGONE REVIEWS AS REQUIRED TO BE RELEASED FOR CONSTRUCTION UNDER RFP PART 3, SECTION 5.8.3 OF THE CONTRACT DOCUMENTS.	HUNTS POINT INTERSTATE ACCESS IMPROVEMENT PROJECT CONTRACT 1 COUNTY: BRONX REGION: 11	PIN X731.63	BRIDGES	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED TYPICAL SECTION	CONTRACT NUMBER D900047 DRAWING NO. TYP-05-07 SHEET NO. 07-009
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.							



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USER = jmtplw1-pw-avc

007-RFC-001-003  
PROJECT MANAGER B. STRIZKI

CHECK CG/BM/KW

DRAFTING C. WISNER

CHECK S. REYNOLDS

DESIGN CG/BM/KW

DESIGN CG/BM/KW

DESIGN SUPERVISOR S. REYNOLDS

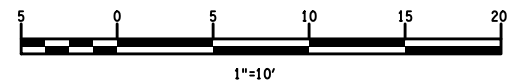
AFFIX SEAL: SHAWN E. REYNOLDS  
ON: 5-21-2021

ALTERED BY:  
ON:





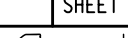
ITEM	DESCRIPTION	UNIT	ITEM	DESCRIPTION	UNIT
203.02	UNCLASSIFIED EXCAVATION AND DISPOSAL	CY	505.0202	PRODUCTION DIAMOND GRINDING OF NEW PCC PAVEMENT WITH SLURRY REMOVAL	SY
203.02990006	PAVEMENT EXCAVATION	SF	605.0901	UNDERDRAIN FILTER TYPE 1	CY
207.22	GEOTEXTILE DRAINAGE	SY	605.1502	PERFORATED CORRUGATED POLYETHYLENE UNDERDRAIN TUBING, 6 INCH DIAMETER	LF
304.11	SUBBASE COURSE, TYPE 1	CY	606.30330008	CONCRETE MEDIAN BARRIER (MODIFIED)	LF
502.0210	PCC PAVEMENT, UNREINFORCED, PERFORMANCE, TYPE 1, EPOXY COATED	CY	606.3041	SINGLE SLOPE CONCRETE MEDIAN BARRIER (OPTIONAL)	LF
502.91	TRANSVERSE JOINTS	LF	608.0101	CONCRETE SIDEWALKS AND DRIVEWAYS	CY
502.9110	LONGITUDINAL JOINTS	LF	609.26020111	CONCRETE CURB, STEEL FACED (NYC) TYPE D	LF
502.9210	SEALING TRANSVERSE JOINTS - HIGHWAY JOINT SEALANT	LF			
502.9310	SEALING LONGITUDINAL JOINTS - HIGHWAY JOINT SEALANT	LF			
504.00000011	PERFORMANCE ENGINEERED CONCRETE MIXTURE FOR PAVEMENTS	LS			

- NOTES:
- SEE PROFILES FOR PROPOSED SUPERELEVATION RATES.
  - TACK COAT ITEM 407.0102 SHALL BE PLACED BETWEEN ALL ASPHALT COURSES AND BETWEEN A MILLED SURFACE AND AN ASPHALT COURSE.
  - THE SUBBASE COURSE, ITEM 304.11 SHALL BE PLACED A MINIMUM OF 2 INCHES BELOW THE EXISTING SUBBASE OR AT A THICKNESS OF 1 FOOT, WHICHEVER IS GREATER.
  - SEE DU-31 FOR APPROACH SLAB AND BRIDGE DETAILS FOR PROPOSED BRIDGE OVER RAILROAD CORRIDOR.
  - SEE NYSDOT STANDARD DETAILS 502-06 FOR CONCRETE PAVEMENT AND 606-13 FOR CONCRETE BARRIER JOINT SEALER DETAILS.



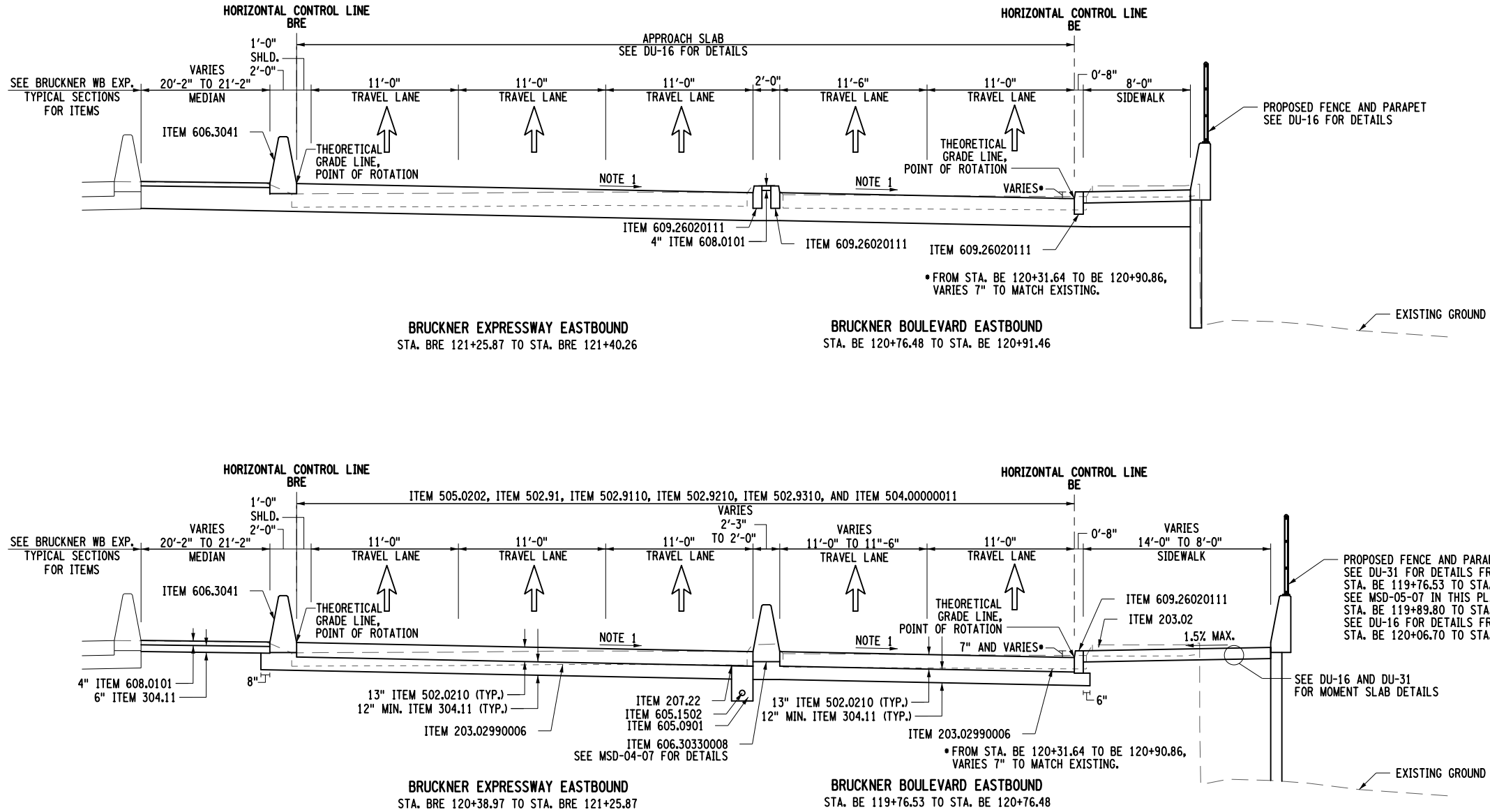
RELEASE FOR CONSTRUCTION

SKANSKA **ETECO** HPA  
JOINT VENTURE

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	DESIGN QUALITY ASSURANCE ENGINEER: HARDESTY & HANOVER  6/10/2021	HUNTS POINT INTERSTATE ACCESS IMPROVEMENT PROJECT		PIN X731.63	BRIDGES	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER D900047	
	ELANA FREEDMAN, P.E. DATE THIS DRAWING HAS UNDERGONE REVIEWS AS REQUIRED TO BE RELEASED FOR CONSTRUCTION UNDER RFP PART 3, SECTION 5.8.3 OF THE CONTRACT DOCUMENTS.	CONTRACT 1						DRAWING NO. TYP-06-07	
							SHEET NO. 07-010		
		COUNTY: BRONX REGION: 11							
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.									Department of Transportation



NEW YORK  
STATE OF  
OPPORTUNITY  
Department of  
Transportation





FILE NAME = D07\_X73163\_CPH\_TYP-007.dgn  
DATE/TIME = 01-DEC-2020 21:23  
USER = jntpw11-pw-avc

007-RFC-001-003  
PROJECT MANAGER B. STRIZKI

CHECK CG/BM/KW

DRAFTING C. WISNER

CHECK S. REYNOLDS

DESIGN CG/BM/KW

JOB MANAGER CG/BM/KW

DESIGN SUPERVISOR S. REYNOLDS

AFFIX SEAL: SHAWN E. REYNOLDS  
ON: 11-30-2020

ALTERED BY:  
ON:



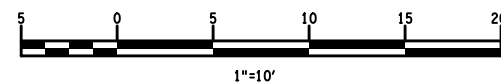
ITEM	DESCRIPTION	UNIT	ITEM	DESCRIPTION	UNIT
203.02	UNCLASSIFIED EXCAVATION AND DISPOSAL	CY	407.0102	DILUTED TACK COAT	GAL
203.02990006	PAVEMENT EXCAVATION	SF	606.3011	CONCRETE BARRIER TYPE A (PRECAST)	LF
203.03	EMBANKMENT IN PLACE	CY	606.75	REMOVING AND DISPOSING CONCRETE BARRIER	LF
203.07	SELECT GRANULAR FILL	CY	608.01020011	CONCRETE SIDEWALK WITH FOUNDATION (NEW YORK CITY)	SY
304.11	SUBBASE COURSE, TYPE 1	CY	608.020102	HOT MIX ASPHALT (HMA) VEGETATION CONTROL STRIPS	TON
402.098103	9.5 F1 TOP COURSE HMA, 80 SERIES COMPACTION	TON	609.26020111	CONCRETE CURB, STEEL FACED (NYC) TYPE D	LF
402.198903	19 F9 BINDER COURSE HMA, 80 SERIES COMPACTION	TON	619.1703	TEMPORARY CONCRETE BARRIER, (PINNED)	LF
402.378903	37.5 F9 BASE COURSE HMA, 80 SERIES COMPACTION	TON			

AS-BUILT REVISIONS  
DESCRIPTION OF ALTERATIONS:

DESIGN QUALITY ASSURANCE ENGINEER:  
HARDESTY & HANOVER  
6/10/2021  
ELANA FREEDMAN, P.E. DATE  
THIS DRAWING HAS UNDERGONE REVIEWS AS  
REQUIRED TO BE RELEASED FOR  
CONSTRUCTION UNDER RFP PART 3, SECTION  
5.8.3 OF THE CONTRACT DOCUMENTS.

HUNTS POINT INTERSTATE ACCESS IMPROVEMENT PROJECT  
CONTRACT 1

COUNTY: BRONX REGION: 11



RELEASE FOR CONSTRUCTION

SKANSKA ECCC HPA  
JOINT VENTURE

ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED

TYPICAL SECTION

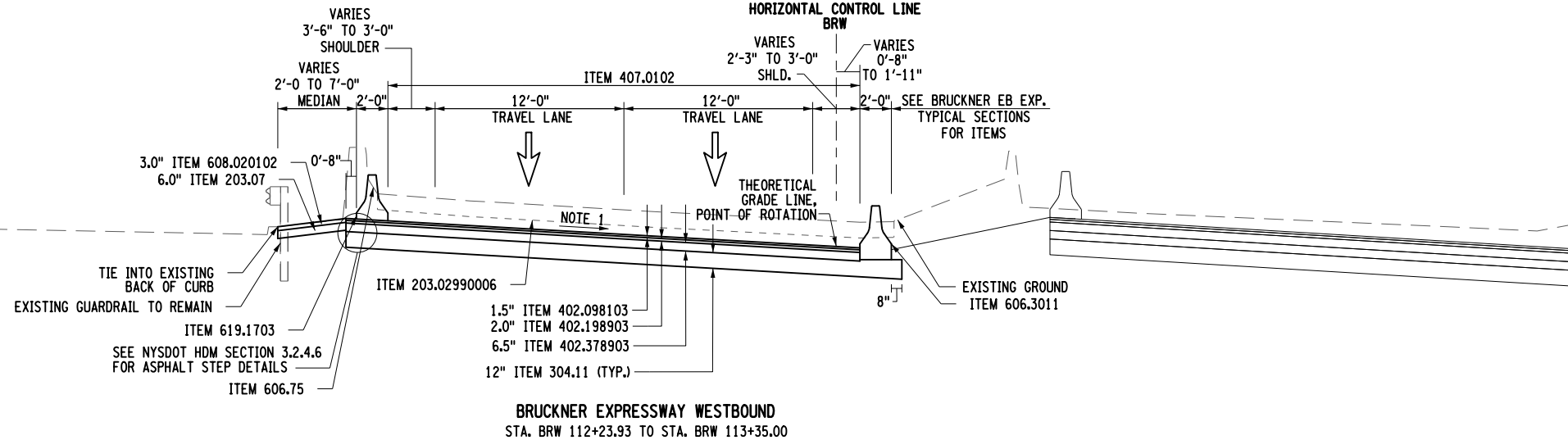
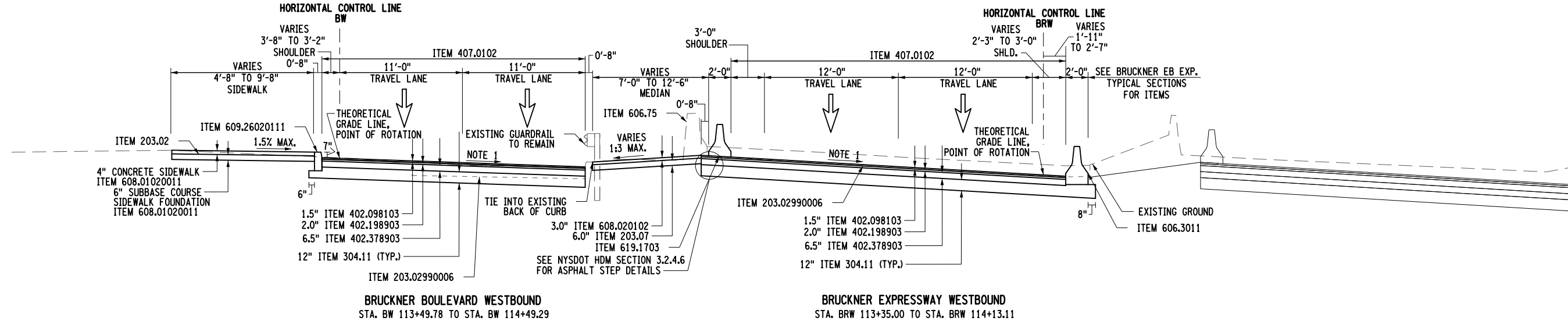
CONTRACT NUMBER  
D900047

DRAWING NO. TYP-07-07  
SHEET NO. 07-011



NEW YORK  
STATE OF  
OPPORTUNITY  
Department of  
Transportation

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.



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DATE/TIME = 12-May-2021 11:18  
USER = jmtpl1-pw-avc

007-RFC-001-003

PROJECT MANAGER B. STRIZKI

CHECK CG/BM/KW

DRAFTING C. WISNER

CHECK S. REYNOLDS

DESIGN CG/BM/KW

JOB MANAGER CG/BM/KW

DESIGN SUPERVISOR S. REYNOLDS

AFFIX SEAL: SHAWN E. REYNOLDS  
ON: 5-21-2021

ALTERED BY:  
ON:



ITEM	DESCRIPTION	UNIT	ITEM	DESCRIPTION	UNIT	NOTES:
203.02	UNCLASSIFIED EXCAVATION AND DISPOSAL	CY	606.3011	CONCRETE BARRIER TYPE A (PRECAST)	LF	1. SEE PROFILES FOR PROPOSED SUPERELEVATION RATES. 2. TACK COAT ITEM 407.0102 SHALL BE PLACED BETWEEN ALL ASPHALT COURSES AND BETWEEN A MILLED SURFACE AND AN ASPHALT COURSE. 3. THE SUBBASE COURSE, ITEM 304.11 SHALL BE PLACED A MINIMUM OF 2 INCHES BELOW THE EXISTING SUBBASE OR AT A THICKNESS OF 1 FOOT, WHICHEVER IS GREATER. 4. SEE DU-32 FOR APPROACH SLAB AND BRIDGE DETAILS FOR PROPOSED BRIDGE OVER RAILROAD CORRIDOR.
203.02990006	PAVEMENT EXCAVATION	SF	606.75	REMOVING AND DISPOSING CONCRETE BARRIER	LF	
203.03	EMBANKMENT IN PLACE	CY	608.01020011	CONCRETE SIDEWALK WITH FOUNDATION (NEW YORK CITY)	SY	
203.07	SELECT GRANULAR FILL	CY	608.020102	HOT MIX ASPHALT (HMA) VEGETATION CONTROL STRIPS	TON	
304.11	SUBBASE COURSE, TYPE 1	CY	609.26020111	CONCRETE CURB, STEEL FACED (NYC) TYPE D	LF	
402.098103	9.5 F1 TOP COURSE HMA, 80 SERIES COMPACTION	TON	610.1402	TOPSOIL - ROADSIDE	CY	
402.198903	19 F9 BINDER COURSE HMA, 80 SERIES COMPACTION	TON	610.1601	TURF ESTABLISHMENT - ROADSIDE	SY	
402.378903	37.5 F9 BASE COURSE HMA, 80 SERIES COMPACTION	TON	619.1703	TEMPORARY CONCRETE BARRIER, (PINNED)	LF	
407.0102	DILUTED TACK COAT	GAL				

AS-BUILT REVISIONS  
DESCRIPTION OF ALTERATIONS:

DESIGN QUALITY ASSURANCE ENGINEER:  
HARDESTY & HANOVER  
6/10/2021  
ELANA FREEDMAN, P.E. DATE  
THIS DRAWING HAS UNDERGONE REVIEWS AS  
REQUIRED TO BE RELEASED FOR  
CONSTRUCTION UNDER RFP PART 3, SECTION  
5.8.3 OF THE CONTRACT DOCUMENTS.

HUNTS POINT INTERSTATE ACCESS IMPROVEMENT PROJECT

CONTRACT 1

COUNTY: BRONX

PIN X731.63

REGION: 11

BRIDGES

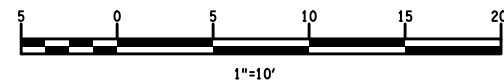
CULVERTS

ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED

TYPICAL SECTION

CONTRACT NUMBER  
D900047

DRAWING NO. TYP-08-07  
SHEET NO. 07-012



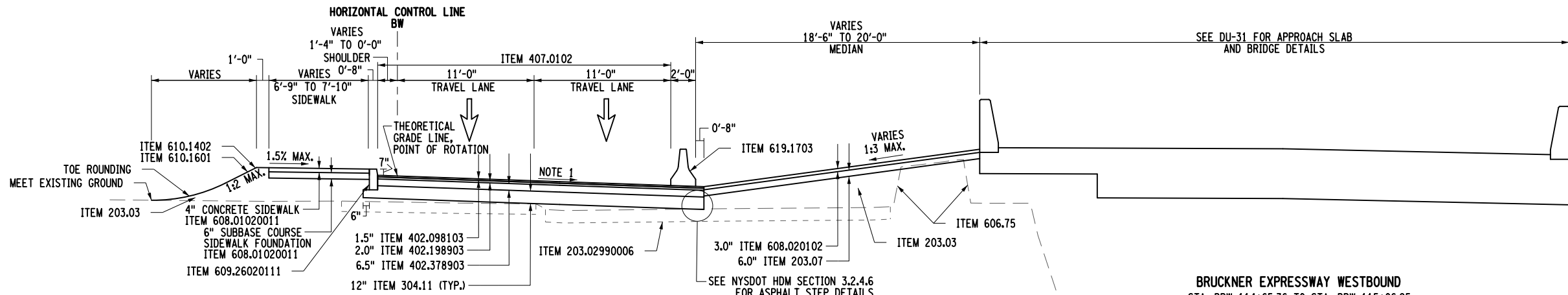
RELEASE FOR CONSTRUCTION

SKANSKA ECCC HPA  
JOINT VENTURE



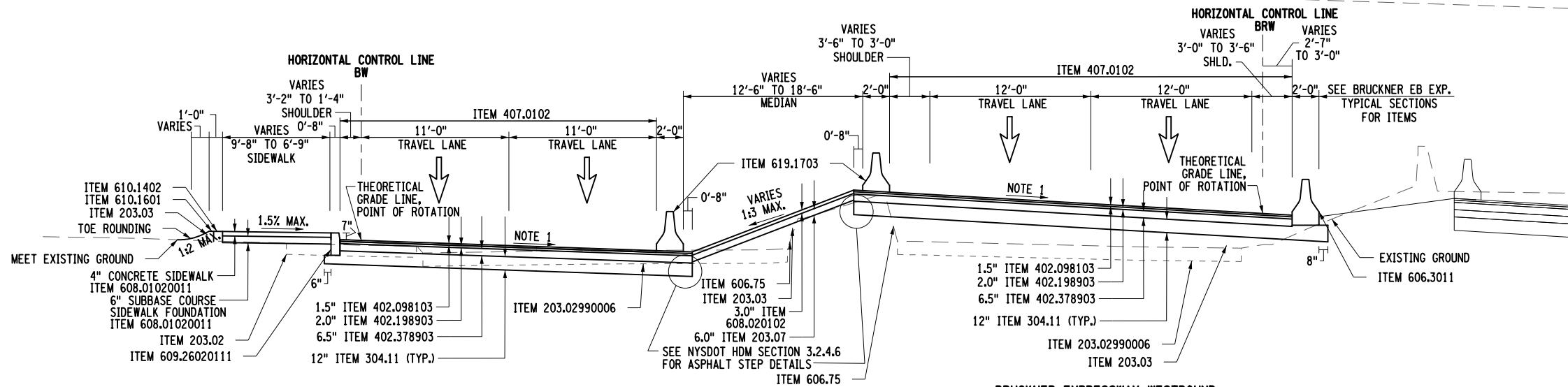
Department of  
Transportation

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.



BRUCKNER BOULEVARD WESTBOUND  
STA. BW 115+17.53 TO STA. BW 115+70.20

BRUCKNER EXPRESSWAY WESTBOUND  
STA. BRW 114+65.36 TO STA. BRW 115+06.25



BRUCKNER BOULEVARD WESTBOUND  
STA. BW 114+49.29 TO STA. BW 115+17.53

BRUCKNER EXPRESSWAY WESTBOUND  
STA. BRW 114+13.11 TO STA. BRW 114+65.36

FILE NAME = DUT\_X73163.CPH\_TYP-009.dgn  
DATE/TIME = 01-DEC-2020 21:23  
USER = jntpm11-pw-avc

007-RFC-001-003

PROJECT MANAGER B. STRIZKI

CHECK CG/BM/KW

DRAFTING C. WISNER

CHECK S. REYNOLDS

DESIGN CG/BM/KW

DESIGN CG/BM/KW

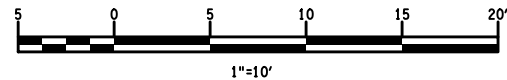
DESIGN SUPERVISOR S. REYNOLDS

AFFIX SEAL: SHAWN E. REYNOLDS  
ON: 11-30-2020

ALTERED BY:  
ON:

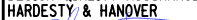




ITEM	DESCRIPTION	UNIT	ITEM	DESCRIPTION	UNIT
203.02	UNCLASSIFIED EXCAVATION AND DISPOSAL	CY	605.0901	UNDERDRAIN FILTER TYPE 1	CY
203.02990006	PAVEMENT EXCAVATION	SF	605.1502	PERFORATED CORRUGATED POLYETHYLENE UNDERDRAIN TUBING, 6 INCH DIAMETER	LF
203.03	EMBANKMENT IN PLACE	CY		CONCRETE MEDIAN BARRIER (MODIFIED)	LF
207.22	GEOTEXTILE DRAINAGE	SY	606.3030008	SINGLE SLOPE CONCRETE MEDIAN BARRIER (OPTIONAL)	LF
304.11	SUBBASE COURSE, TYPE 1	CY	606.3041	SINGLE SLOPE CONCRETE HALF-SECTION BARRIER (OPTIONAL)	LF
502.0210	PCC PAVEMENT, UNREINFORCED, PERFORMANCE, TYPE 1, EPOXY COATED	CY	606.3061	REMOVING AND DISPOSING CORRUGATED BEAM GUIDE RAILING	LF
502.91	TRANSVERSE JOINTS	LF	606.71	CHAIN LINK FENCE 8 FEET, 0 INCHES - NYCDPR	LF
502.9110	LONGITUDINAL JOINTS	LF	607.05080039	STEEL RAILING AND HANDRAIL	LF
502.9210	SEALING TRANSVERSE JOINTS - HIGHWAY JOINT SEALANT	LF	608.01020011	CONCRETE SIDEWALK WITH FOUNDATION (NEW YORK CITY)	SY
502.9310	SEALING LONGITUDINAL JOINTS - HIGHWAY JOINT SEALANT	LF	609.26020111	CONCRETE CURB, STEEL FACED (NYC) TYPE D	LF
504.00000011	PERFORMANCE ENGINEERED CONCRETE MIXTURE FOR PAVEMENTS	LS	610.1402	TOPSOIL - ROADSIDE	CY
505.0202	PRODUCTION DIAMOND GRINDING OF NEW PCC PAVEMENT WITH SLURRY REMOVAL	SY	610.1601	TURF ESTABLISHMENT - ROADSIDE	SY
			619.1701	TEMPORARY CONCRETE BARRIER, (UNPINNED)	LF



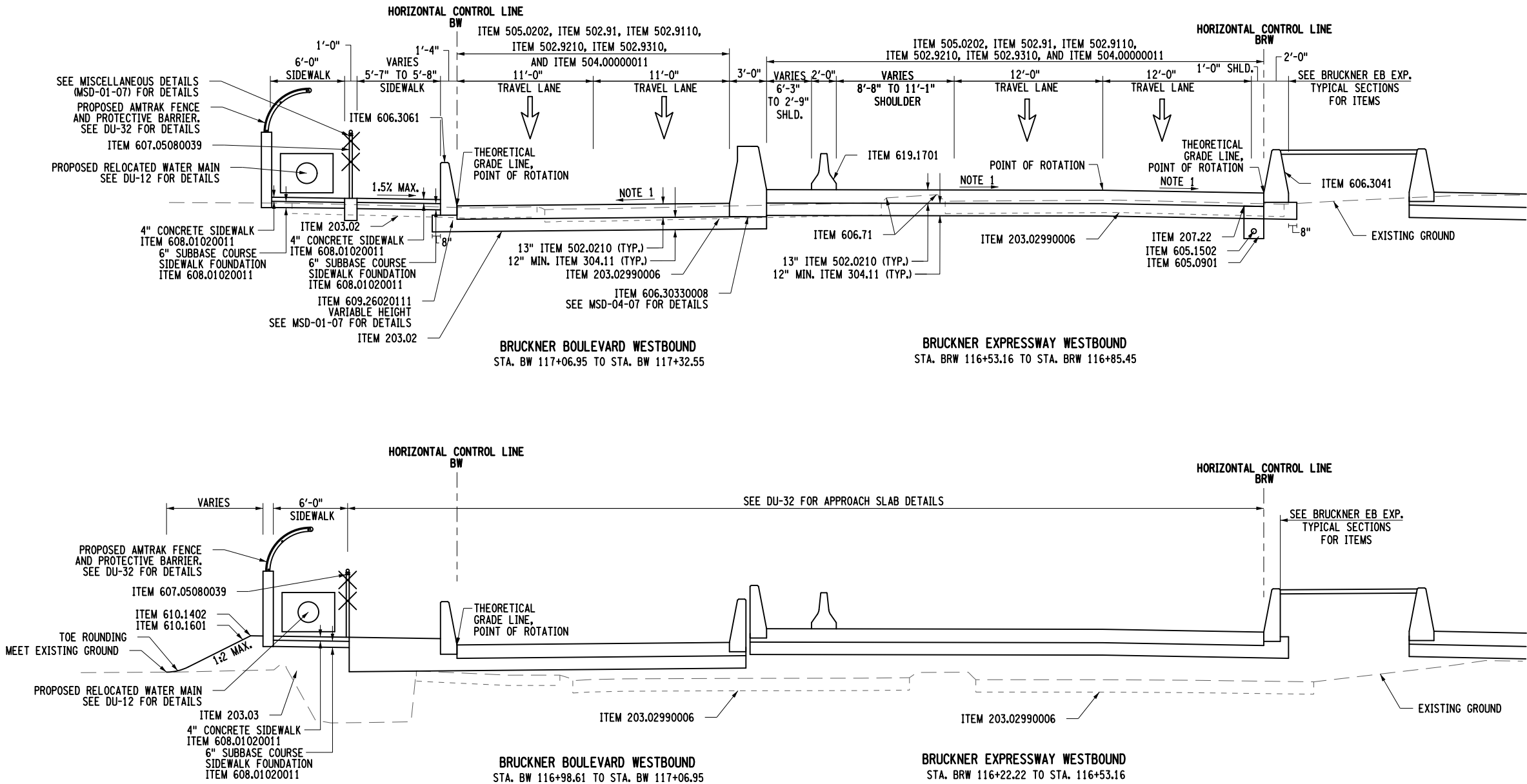
RELEASE FOR CONSTRUCTION

SKANSKA **ETECO** HPA  
JOINT VENTURE

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	DESIGN QUALITY ASSURANCE ENGINEER: HARDESTY & HANOVER 	HUNTS POINT INTERSTATE ACCESS IMPROVEMENT PROJECT		PIN X731.63	BRIDGES	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER D900047	
	6/10/2021	CONTRACT 1						TYPICAL SECTION	DRAWING NO. TYP-09-07
	ELANA FREEDMAN, P.E. DATE THIS DRAWING HAS UNDERGONE REVIEWS AS REQUIRED TO BE RELEASED FOR CONSTRUCTION UNDER RFP PART 3, SECTION 5.8.3 OF THE CONTRACT DOCUMENTS.						SHEET NO. 07-013		
	COUNTY: BRONX REGION: 11								
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.									
								 NEW YORK STATE OF OPPORTUNITY.	Department of Transportation



Department of  
Transportation





FILE NAME = D07\_X73163\_CPH\_TYP-010.dgn  
DATE/TIME = 01-DEC-2020 21:23  
USER = jntpm11-pw-avc

007-RFC-001-003

PROJECT MANAGER B. STRIZKI

CHECK CG/BM/KW

DRAFTING C. WISNER

CHECK S. REYNOLDS

DESIGN CG/BM/KW

JOB MANAGER CG/BM/KW

DESIGN SUPERVISOR S. REYNOLDS

AFFIX SEAL: SHAWN E. REYNOLDS  
ON: 11-30-2020

ALTERED BY:  
ON:



ITEM	DESCRIPTION	UNIT	ITEM	DESCRIPTION	UNIT
203.02	UNCLASSIFIED EXCAVATION AND DISPOSAL	CY	505.0202	PRODUCTION DIAMOND GRINDING OF NEW PCC PAVEMENT WITH SLURRY REMOVAL	SY
203.02990006	PAVEMENT EXCAVATION	SF	605.0901	UNDERDRAIN FILTER TYPE 1	CY
207.22	GEOTEXTILE DRAINAGE	SY	605.1502	PERFORATED CORRUGATED POLYETHYLENE UNDERDRAIN TUBING, 6 INCH DIAMETER	LF
304.11	SUBBASE COURSE, TYPE 1	CY	606.30330008	CONCRETE MEDIAN BARRIER (MODIFIED)	LF
502.0210	PCC PAVEMENT, UNREINFORCED, PERFORMANCE, TYPE 1, EPOXY COATED	CY	606.3041	SINGLE SLOPE CONCRETE MEDIAN BARRIER (OPTIONAL)	LF
502.91	TRANSVERSE JOINTS	LF	606.71	REMOVING AND DISPOSING CORRUGATED BEAM GUIDE RAILING	LF
502.9110	LONGITUDINAL JOINTS	LF	607.91120001	STEEL RAILING AND HANDRAIL	LF
502.9210	SEALING TRANSVERSE JOINTS - HIGHWAY JOINT SEALANT	LF	608.01020011	CONCRETE SIDEWALK WITH FOUNDATION (NEW YORK CITY)	SY
502.9310	SEALING LONGITUDINAL JOINTS - HIGHWAY JOINT SEALANT	LF	609.26020111	CONCRETE CURB, STEEL FACED (NYC) TYPE D	LF
504.00000011	PERFORMANCE ENGINEERED CONCRETE MIXTURE FOR PAVEMENTS	LS			

NOTES:
1. SEE PROFILES FOR PROPOSED SUPERELEVATION RATES.
2. TACK COAT ITEM 407.0102 SHALL BE PLACED BETWEEN ALL ASPHALT COURSES AND BETWEEN A MILLED SURFACE AND AN ASPHALT COURSE.
3. THE SUBBASE COURSE, ITEM 304.11 SHALL BE PLACED A MINIMUM OF 2 INCHES BELOW THE EXISTING SUBBASE OR AT A THICKNESS OF 1 FOOT, WHICHEVER IS GREATER.
4. SEE DU-32 FOR APPROACH SLAB AND BRIDGE DETAILS FOR PROPOSED BRIDGE OVER RAILROAD CORRIDOR.
5. SEE NYSDOT STANDARD DETAILS 502-06 FOR CONCRETE PAVEMENT AND 606-13 FOR CONCRETE BARRIER JOINT SEALER DETAILS.

AS-BUILT REVISIONS  
DESCRIPTION OF ALTERATIONS:

DESIGN QUALITY ASSURANCE ENGINEER:  
HARDESTY & HANOVER  
6/10/2021  
ELANA FREEDMAN, P.E.  
DATE  
THIS DRAWING HAS UNDERGONE REVIEWS AS  
REQUIRED TO BE RELEASED FOR  
CONSTRUCTION UNDER RFP PART 3, SECTION  
5.8.3 OF THE CONTRACT DOCUMENTS.

HUNTS POINT INTERSTATE ACCESS IMPROVEMENT PROJECT  
CONTRACT 1  
COUNTY: BRONX  
REGION: 11

PIN X731.63  
BRIDGES  
CULVERTS

ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED  
TYPICAL SECTION

CONTRACT NUMBER  
D900047  
DRAWING NO. TYP-10-07  
SHEET NO. 07-014

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

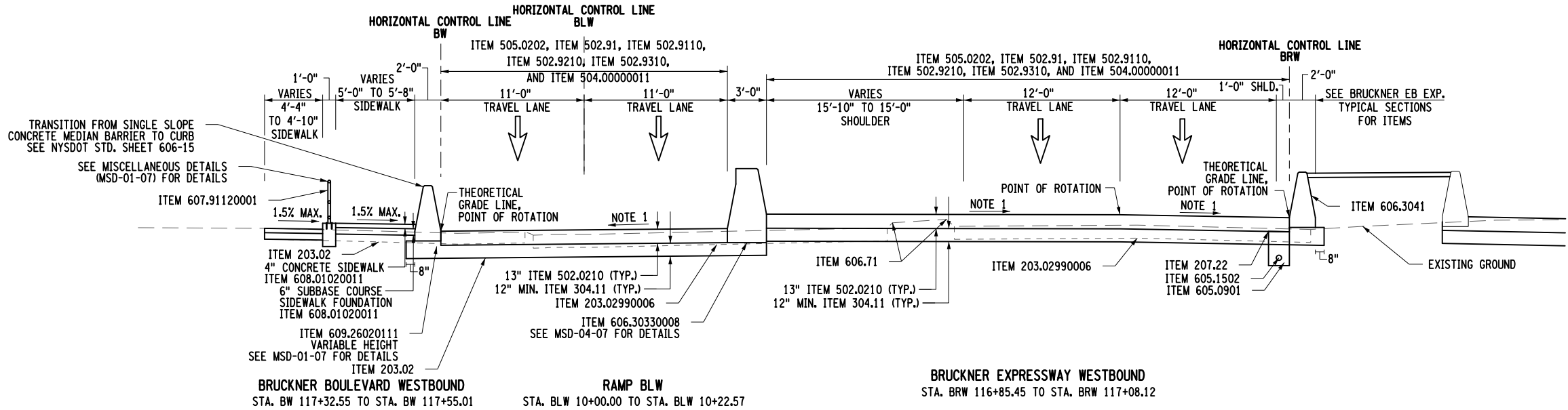
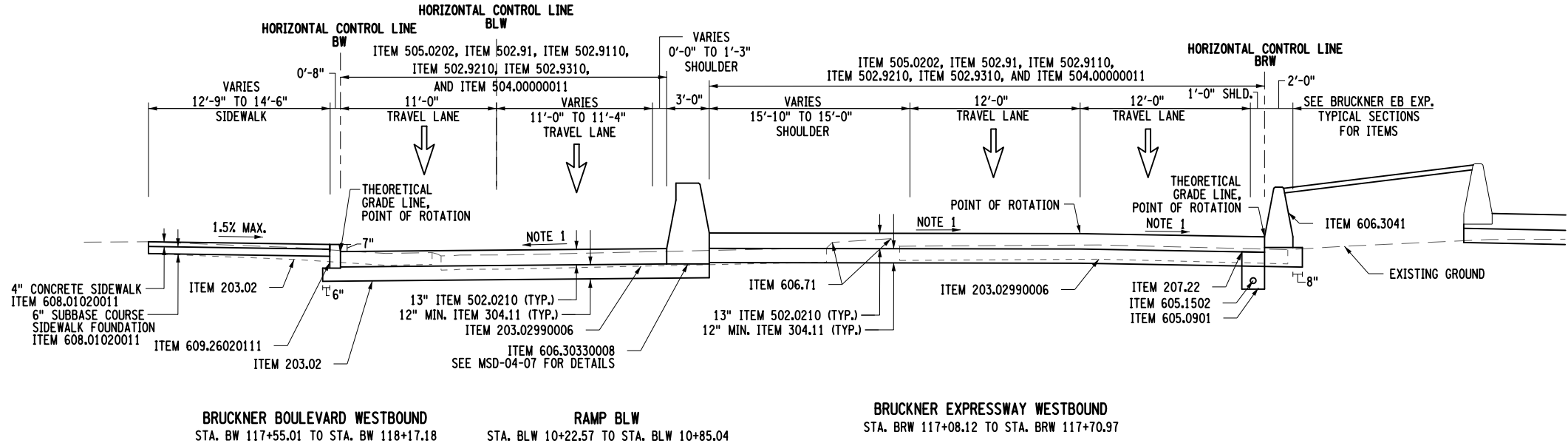
SKANSKA ECCC HPA  
JOINT VENTURE

RELEASE FOR CONSTRUCTION

1"=10'

5 0 5 10 15 20'

Department of Transportation



FILE NAME = D07\_X73163\_CPH\_TYP-011.dgn  
DATE/TIME = 01-DEC-2020 21:24  
USER = jmtpl1-pw-svc

007-RFC-001-003

PROJECT MANAGER B. STRIZKI

CHECK CG/BM/KW

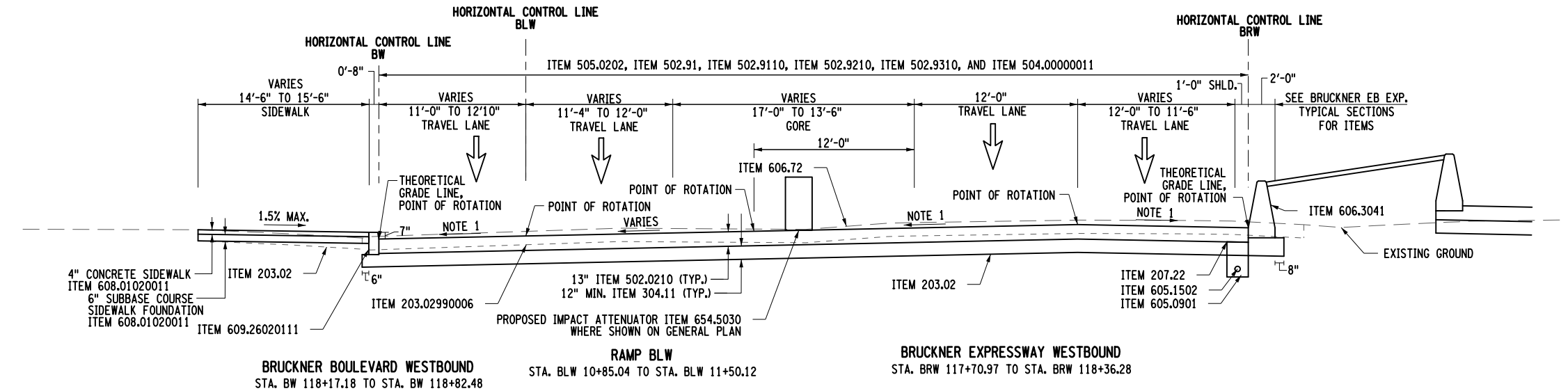
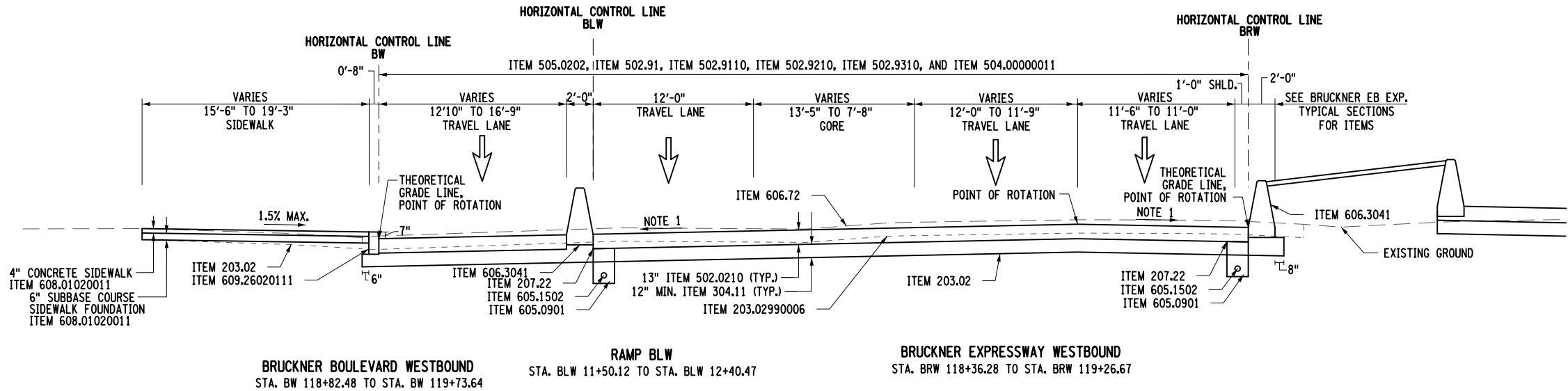
DRAFTING C. WISNER

CHECK S. REYNOLDS

DESIGN CG/BM/KW

JOB MANAGER CG/BM/KW

DESIGN SUPERVISOR S. REYNOLDS



ITEM	DESCRIPTION	UNIT	ITEM	DESCRIPTION	UNIT
203.02	UNCLASSIFIED EXCAVATION AND DISPOSAL	CY	505.0202	PRODUCTION DIAMOND GRINDING OF NEW PCC PAVEMENT WITH SLURRY REMOVAL	SY
203.02990006	PAVEMENT EXCAVATION	SF	605.0901	UNDERDRAIN FILTER TYPE 1	CY
207.22	GEOTEXTILE DRAINAGE	SY	605.1502	PERFORATED CORRUGATED POLYETHYLENE UNDERDRAIN TUBING, 6 INCH DIAMETER	LF
304.11	SUBBASE COURSE, TYPE 1	CY	606.3041	SINGLE SLOPE CONCRETE MEDIAN BARRIER (OPTIONAL)	LF
502.0210	PCC PAVEMENT, UNREINFORCED, PERFORMANCE, TYPE 1, EPOXY COATED	CY	606.72	REMOVING AND DISPOSING CORRUGATED BEAM MEDIAN BARRIER	LF
502.91	TRANSVERSE JOINTS	LF	608.01020011	CONCRETE SIDEWALK WITH FOUNDATION (NEW YORK CITY)	SY
502.9110	LONGITUDINAL JOINTS	LF	609.26020111	CONCRETE CURB, STEEL FACED (NYC) TYPE D	LF
502.9210	SEALING TRANSVERSE JOINTS - HIGHWAY JOINT SEALANT	LF	654.5030	EXPENDABLE IMPACT ATTENUATOR, TL 3, <=2 FT OBSTRUCTION WIDTH	EA
502.9310	SEALING LONGITUDINAL JOINTS - HIGHWAY JOINT SEALANT	LF			
504.00000011	PERFORMANCE ENGINEERED CONCRETE MIXTURE FOR PAVEMENTS	LS			

- NOTES:
- SEE PROFILES FOR PROPOSED SUPERELEVATION RATES.
  - TACK COAT ITEM 407.0102 SHALL BE PLACED BETWEEN ALL ASPHALT COURSES AND BETWEEN A MILLED SURFACE AND AN ASPHALT COURSE.
  - THE SUBBASE COURSE, ITEM 304.11 SHALL BE PLACED A MINIMUM OF 2 INCHES BELOW THE EXISTING SUBBASE OR AT A THICKNESS OF 1 FOOT, WHICHEVER IS GREATER.
  - SEE DU-32 FOR APPROACH SLAB AND BRIDGE DETAILS FOR PROPOSED BRIDGE OVER RAILROAD CORRIDOR.
  - SEE NYSDOT STANDARD DETAILS 502-06 FOR CONCRETE PAVEMENT AND 606-13 FOR CONCRETE BARRIER JOINT SEALER DETAILS.

AFFIX SEAL: SHAWN E. REYNOLDS  
ON: 11-30-2020

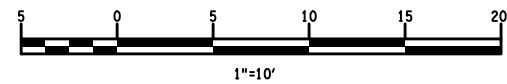
ALTERED BY:  
ON:



AS-BUILT REVISIONS  
DESCRIPTION OF ALTERATIONS:

DESIGN QUALITY ASSURANCE ENGINEER:  
HARDESTY & HANOVER  
6/10/2021  
ELANA FREEDMAN, P.E.  
DATE  
THIS DRAWING HAS UNDERGONE REVIEWS AS  
REQUIRED TO BE RELEASED FOR  
CONSTRUCTION UNDER RFP PART 3, SECTION  
5.8.3 OF THE CONTRACT DOCUMENTS.

HUNTS POINT INTERSTATE ACCESS IMPROVEMENT PROJECT  
CONTRACT 1  
COUNTY: BRONX  
REGION: 11



RELEASE FOR CONSTRUCTION

SKANSKA ECCC HPA  
JOINT VENTURE

ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED  
TYPICAL SECTION  
CONTRACT NUMBER  
D900047  
DRAWING NO. TYP-11-07  
SHEET NO. 07-015

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.



NEW YORK  
STATE OF  
OPPORTUNITY  
Department of  
Transportation

FILE NAME = D07\_X73163\_CPH\_TYP-012.dgn  
DATE/TIME = 01-DEC-2020 21:25  
USER = jntpm11-pw-svc

007-RFC-001-003

PROJECT MANAGER B. STRIZKI

CHECK CG/BM/KW

DRAFTING C. WISNER

CHECK S. REYNOLDS

DESIGN CG/BM/KW

DESIGN CG/BM/KW

JOB MANAGER CG/BM/KW  
DESIGN SUPERVISOR S. REYNOLDS

AFFIX SEAL: SHAWN E. REYNOLDS  
ON: 11-30-2020

ALTERED BY:  
ON:



ITEM	DESCRIPTION	UNIT	ITEM	DESCRIPTION	UNIT
203.02	UNCLASSIFIED EXCAVATION AND DISPOSAL	CY	505.0202	PRODUCTION DIAMOND GRINDING OF NEW PCC PAVEMENT WITH SLURRY REMOVAL	SY
203.02990006	PAVEMENT EXCAVATION	SF	605.0901	UNDERDRAIN FILTER TYPE 1	CY
207.22	GEOTEXTILE DRAINAGE	SY	605.1501	PERFORATED CORRUGATED POLYETHYLENE UNDERDRAIN TUBING, 4 INCH DIAMETER	LF
304.11	SUBBASE COURSE, TYPE 1	CY	606.3041	SINGLE SLOPE CONCRETE MEDIAN BARRIER (OPTIONAL)	LF
502.0210	PCC PAVEMENT, UNREINFORCED, PERFORMANCE, TYPE 1, EPOXY COATED	CY	607.3203	OPTIONAL CHAIN-LINK FENCE, TYPE II, WITH TOP RAIL 8 FEET HIGH	LF
502.91	TRANSVERSE JOINTS	LF	608.01020011	CONCRETE SIDEWALK WITH FOUNDATION (NEW YORK CITY)	SY
502.9110	LONGITUDINAL JOINTS	LF	609.26020111	CONCRETE CURB, STEEL FACED (NYC) TYPE D	LF
502.9210	SEALING TRANSVERSE JOINTS - HIGHWAY JOINT SEALANT	LF	654.5030	EXPENDABLE IMPACT ATTENUATOR, TL 3, <=2 FT OBSTRUCTION WIDTH	EA
502.9310	SEALING LONGITUDINAL JOINTS - HIGHWAY JOINT SEALANT	LF			
504.00000011	PERFORMANCE ENGINEERED CONCRETE MIXTURE FOR PAVEMENTS	LS			

NOTES:
1. SEE PROFILES FOR PROPOSED SUPERELEVATION RATES.
2. TACK COAT ITEM 407.0102 SHALL BE PLACED BETWEEN ALL ASPHALT COURSES AND BETWEEN A MILLED SURFACE AND AN ASPHALT COURSE.
3. THE SUBBASE COURSE, ITEM 304.11 SHALL BE PLACED A MINIMUM OF 2 INCHES BELOW THE EXISTING SUBBASE OR AT A THICKNESS OF 1 FOOT, WHICHEVER IS GREATER.
4. SEE DU-32 FOR APPROACH SLAB AND BRIDGE DETAILS FOR PROPOSED BRIDGE OVER RAILROAD CORRIDOR.
5. SEE NYSDOT STANDARD DETAILS 502-06 FOR CONCRETE PAVEMENT AND 606-13 FOR CONCRETE BARRIER JOINT SEALER DETAILS.

AS-BUILT REVISIONS  
DESCRIPTION OF ALTERATIONS:

DESIGN QUALITY ASSURANCE ENGINEER:  
HARDESTY & HANOVER  
6/10/2021  
ELANA FREEDMAN, P.E. DATE  
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REQUIRED TO BE RELEASED FOR  
CONSTRUCTION UNDER RFP PART 3, SECTION  
5.8.3 OF THE CONTRACT DOCUMENTS.

HUNTS POINT INTERSTATE ACCESS IMPROVEMENT PROJECT

CONTRACT 1

COUNTY: BRONX

REGION: 11

PIN X731.63

BRIDGES

CULVERTS

ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED

TYPICAL SECTION

CONTRACT NUMBER  
D900047

DRAWING NO. TYP-12-07  
SHEET NO. 07-016



Department of  
Transportation

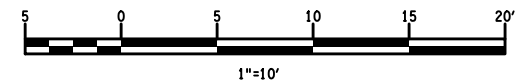
EXISTING BARRICADE OVER CSX TUNNEL  
TO PARK ENTRANCE TO REMAIN FROM  
STA. BW 120+37.56 TO STA. BW 120+72.77

\* STA. BW 120+66 TO BW 120+73, VARIES 1.5% TO 0.63%  
STA. BW 120+73 TO BW 120+80, VARIES 0.63% TO 1.42%  
STA. BW 120+80 TO BW 120+87, VARIES 1.42% TO -0.30%  
STA. BW 120+87 TO BW 120+94, VARIES -0.30% TO 1.5%

BRUCKNER BOULEVARD WESTBOUND  
STA. BW 119+73.64 TO STA. BW 121+17.50

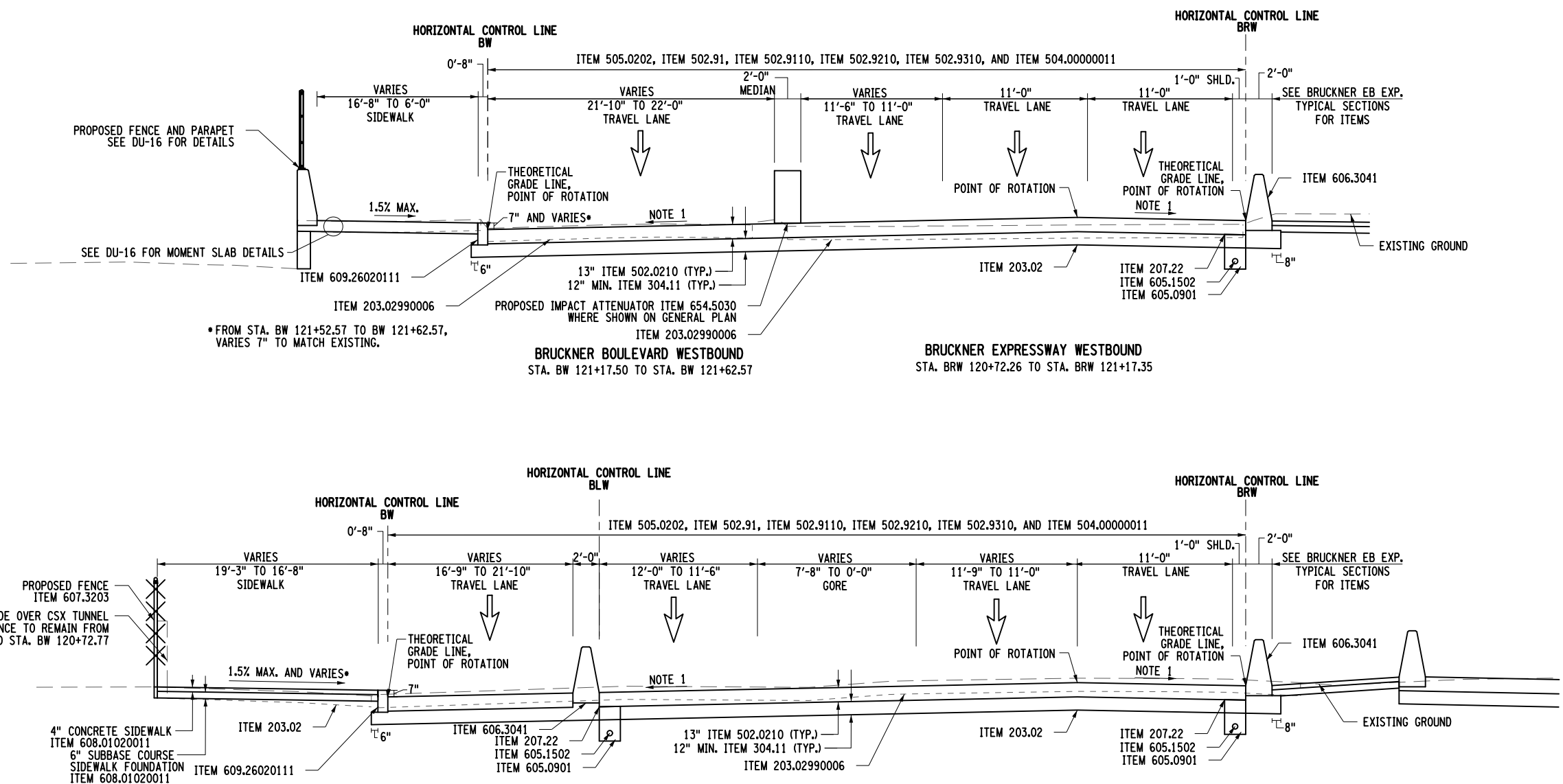
RAMP BLW  
STA. BLW 12+40.47 TO STA. BLW 12+83.86

BRUCKNER EXPRESSWAY WESTBOUND  
STA. BRW 119+26.67 TO STA. BRW 120+72.26



RELEASE FOR CONSTRUCTION

SKANSKA ECCC HPA  
JOINT VENTURE





FILE NAME = D07\_X73163\_CPH\_GNN\_001.dgn  
DATE/TIME = 08-JUN-2021 21:19  
USER = jntpm11-pw-svc

007-RFC-001-003  
PROJECT MANAGER B. STRIZKI

CHECK CG/BM/KW

DRAFTING C. WISNER

CHECK S. REYNOLDS

DESIGN CG/BM/KW


JOB MANAGER CG/BM/KW

DESIGN SUPERVISOR S. REYNOLDS




GENERAL NOTES

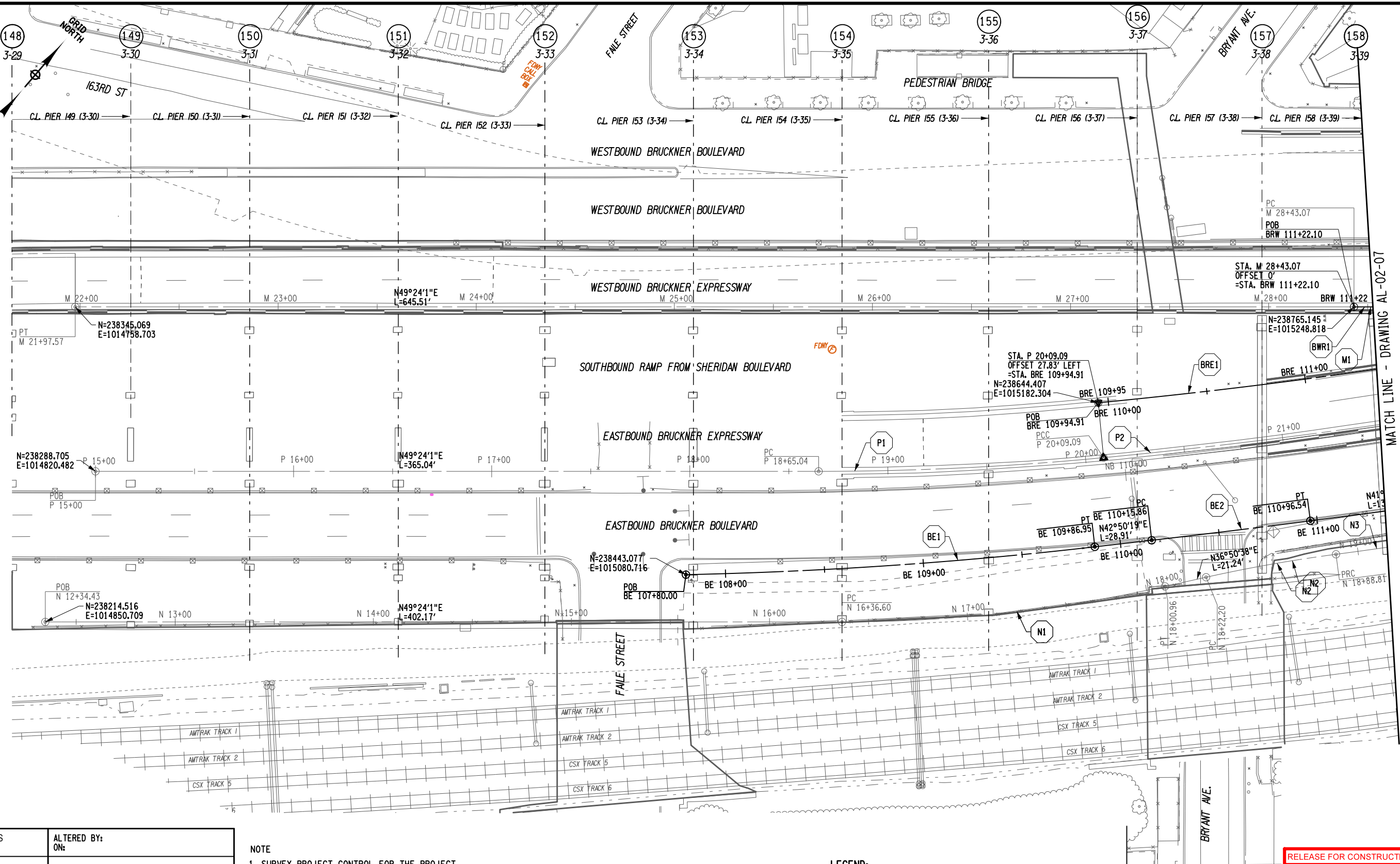
1. THE CONTRACTOR SHALL BE AWARE THAT OTHER CONTRACTS ARE IN THE VICINITY OF THIS CONTRACT WORK AREA AND MAY BE UNDER CONSTRUCTION DURING THE TIME OF THIS PROJECT.
2. THE DESIGN-BUILDER SHALL PERFORM THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS AND THE APPLICABLE STANDARDS, DESIGN CODES AND MANUALS LISTED IN SECTION 1.6, UNLESS OTHERWISE STIPULATED IN THIS PROJECT REQUIREMENT OR OTHERWISE APPLICABLE TO THE PROJECT.
3. THE DESIGN-BUILDER SHALL REMOVE AND DISPOSE OF ALL EXISTING GUIDE RAILING, BARRIER SYSTEMS AND/OR IMPACT ATTENUATORS WITHIN THE PROJECT LIMITS, AND REPLACE WITH NEW GUIDE RAILING, BARRIER SYSTEMS AND/OR IMPACT ATTENUATORS TO CURRENT NYSDOT STANDARDS. ANY GUIDE RAIL AND BARRIER SYSTEMS REMOVED DUE TO THE MPT SCHEME SHALL BE REPLACED WITH A NEW SYSTEM AND NEW MATERIALS.
4. ALL EXISTING GUIDE RAILING, BARRIER SYSTEMS AND/OR IMPACT ATTENUATORS THAT ARE REMOVED SHALL BECOME PROPERTY OF THE DESIGN-BUILDER.
5. FOR ALL SIDEWALKS CONSTRUCTED, THE DESIGN-BUILDER SHALL COMPLY WITH ALL REQUIREMENTS IN ED 15-004 DESIGN, CONSTRUCTION AND INSPECTION OF PEDESTRIAN FACILITIES IN THE PUBLIC RIGHT OF WAY.
6. FOR ALL CURB RAMPS CONSTRUCTED, THE DESIGN-BUILDER SHALL COMPLY WITH ALL REQUIREMENTS IN ED 15-004 DESIGN, CONSTRUCTION AND INSPECTION OF PEDESTRIAN FACILITIES IN THE PUBLIC RIGHT OF WAY, AND NYSDOT STANDARD SHEETS 608 SERIES.
7. ALL PAVEMENT MATERIALS AND CONSTRUCTION METHODS SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE NYSDOT STANDARD SPECIFICATIONS AND THE NYSDOT MATERIALS AND PAVEMENT INSTALLATION METHODS.  
  
LIMESTONE AND/OR DOLOMITE, REGARDLESS OF THE ACID INSOLUBLE RESIDUE CONTENT, SHALL NOT BE ALLOWED FOR TYPE 1 OR F1 FRICTION AGGREGATE REQUIREMENTS.
8. IF THE EXISTING ROADWAY SECTION AT THE LIMITS OF WORK VARIES FROM THE STANDARDS APPLICABLE FOR NEW OR RESURFACED SECTIONS, THE ROADWAY FEATURES (LANE & SHOULDER WIDTHS AND CROSS SLOPE) SHALL BE TRANSITIONED TO MEET THE EXISTING CONDITIONS.
9. RECONSTRUCTED PERMANENT LOCAL ROADS AND STREETS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE NYSDOT CPDM AND NYC DEPARTMENT OF DESIGN AND CONSTRUCTION GUIDELINES AND DIRECTIVES. THE SAME PAVEMENT TREATMENT SHALL BE APPLIED ACROSS THE ENTIRE WIDTH OF THE ROADWAY AND SHOULDERS AND SHALL BE PLACED ON PROPERLY PREPARED SUBGRADE THAT SHALL MEET THE REQUIREMENTS OF NYSDOT STANDARD SPECIFICATION SECTION 203. ASPHALT AND CONCRETE PAVEMENT MATERIALS AND CONSTRUCTION METHODS SHALL MEET THE REQUIREMENTS OF NYSDOT STANDARD SPECIFICATION SECTIONS 402 AND 502 RESPECTIVELY AND NYCDOT STANDARD DETAILS OF CONSTRUCTION.
10. THE DESIGN-BUILDER SHALL MILL AND RESURFACE PAVEMENT AREAS AS NECESSARY TO PROVIDE FOR A SMOOTH TRANSITION BETWEEN THE EXISTING AND FULLY RECONSTRUCTED PAVEMENT SURFACES IN ACCORDANCE WITH THE APPLICABLE STANDARD SHEETS. THE DESIGN-BUILDER SHALL MILL A MINIMUM OF 50' BEYOND THE LIMITS OF ANY FULL DEPTH RECONSTRUCTED PAVEMENT SECTIONS.
11. OUTSIDE AREAS OF FULL DEPTH RECONSTRUCTION, PAVEMENTS IN TRENCH RESTORATION AREAS SHALL MATCH THE ADJACENT PAVEMENT SECTION.
12. THE PRESSURE RELIEF JOINT, WHERE REQUIRED (SEE BRIDGE PLANS), PAVEMENT SECTION SHALL BE AS FOLLOWS:  
4.0" TOP COURSE, 9.5 F1 HMA, 80 SERIES COMPACTION (ITEM 402.098103)  
9.0" BINDER COURSE, 19 F9 HMA, 80 SERIES COMPACTION (ITEM 402.198903)  
TACK COAT, ITEM 407.0102

AFFIX SEAL: SHAWN E. REYNOLDS  
ON: 6-8-2021



ALTERED BY:  
ON:

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	DESIGN QUALITY ASSURANCE ENGINEER: HARDESTY & HANOVER 	HUNTS POINT INTERSTATE ACCESS IMPROVEMENT PROJECT		PIN X731.63	BRIDGES	CULVERTS	ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED	CONTRACT NUMBER D900047	
	6/10/2021	CONTRACT 1						GENERAL NOTES	DRAWING NO. GN-01-07
	ELANA FREEDMAN, P.E. DATE THIS DRAWING HAS UNDERGONE REVIEWS AS REQUIRED TO BE RELEASED FOR CONSTRUCTION UNDER RFP PART 3, SECTION 5.8.3 OF THE CONTRACT DOCUMENTS.						SHEET NO. 07-017		
	COUNTY: BRONX REGION: 11								
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.									Department of Transportation



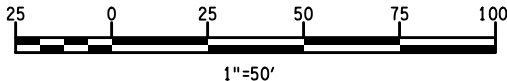
AFFIX SEAL: SHAWN E. REYNOLDS  
ON: 7-31-2020

ALTERED BY:  
ON:



NOTE

1. SURVEY PROJECT CONTROL FOR THE PROJECT  
AS PROVIDED BY NYSDOT IN PART 7 OF THE RFP.



LEGEND:

N1 CURVE NUMBER.  
SEE DWG. MST-1-07 FOR  
CURVE DATA TABLES

AS-BUILT REVISIONS  
DESCRIPTION OF ALTERATIONS:

DESIGN QUALITY ASSURANCE ENGINEER:  
HARDESTY & HANOVER  
9/5/2020  
ELANA FREEDMAN, P.E. DATE  
THIS DRAWING HAS UNDERGONE REVIEWS AS  
REQUIRED TO BE RELEASED FOR  
CONSTRUCTION UNDER RFP PART 3, SECTION  
5.8.3 OF THE CONTRACT DOCUMENTS.

HUNTS POINT INTERSTATE ACCESS IMPROVEMENT PROJECT  
CONTRACT 1

COUNTY: BRONX REGION: 11

PIN X731.63

BRIDGES

CULVERTS

ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED

ALIGNMENT PLAN

CONTRACT NUMBER  
D900047

DRAWING NO. AL-01-07  
SHEET NO. 07-018

SKANSKA **ETECO** HPA  
JOINT VENTURE



Department of  
Transportation

RELEASE FOR CONSTRUCTION



FILE NAME = D:\7\_X73163\_CPH-ALP-102.dgn  
DATE/TIME = 31-JUL-2020 16:27  
USER = jntpm11-pw-avc

007-RFC-001-002

DESIGN SUPERVISOR S. REYNOLDS

JOB MANAGER CG/BM/KW

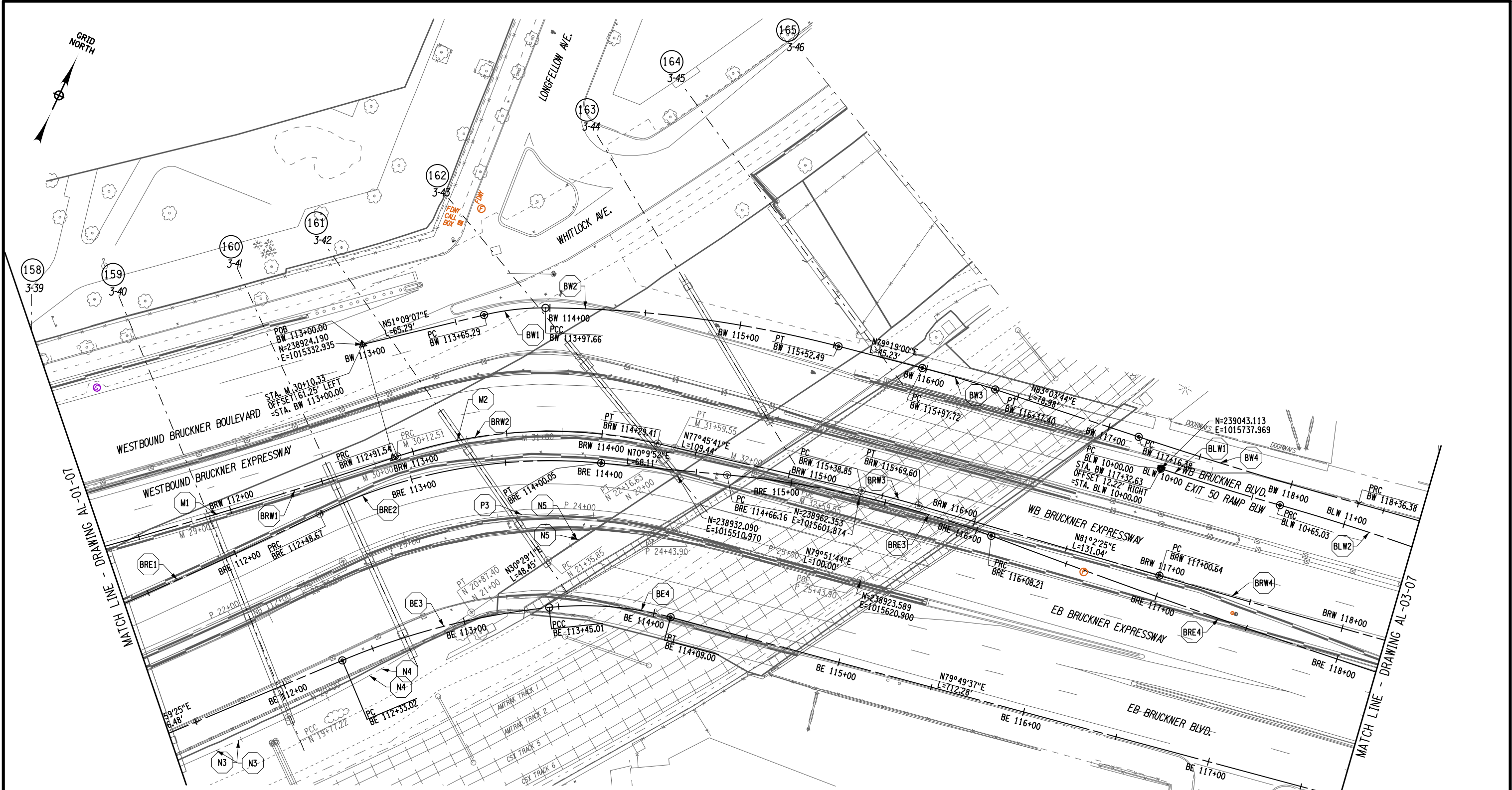
DESIGN CG/BM/KW

CHECK S. REYNOLDS

DRAFTING C. WISNER

CHECK CG/BM/KW

PROJECT MANAGER B. STRIZKI



AFFIX SEAL: SHAWN E. REYNOLDS  
ON: 7-31-2020

ALTERED BY:  
ON:

NOTE

1. SURVEY PROJECT CONTROL FOR THE PROJECT AS PROVIDED BY NYSDOT IN PART 7 OF THE RFP.

LEGEND:

N1 CURVE NUMBER. SEE DWG. MST-1-07 FOR CURVE DATA TABLES

25 0 25 50 75 100'

1"=50'

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	DESIGN QUALITY ASSURANCE ENGINEER: HARDESTY & HANOVER	HUNTS POINT INTERSTATE ACCESS IMPROVEMENT PROJECT		PIN X731.63	BRIDGES	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER D900047
	ELANA FREEDMAN, P.E. DATE 9/5/2020 THIS DRAWING HAS UNDERGONE REVIEWS AS REQUIRED TO BE RELEASED FOR CONSTRUCTION UNDER RFP PART 3, SECTION 5.8.3 OF THE CONTRACT DOCUMENTS.	CONTRACT 1						
		COUNTY: BRONX	REGION: 11					

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Department of Transportation

RELEASE FOR CONSTRUCTION

SKANSKA HPA  
JOINT VENTURE



FILE NAME = D07\_X73163\_CPH\_ALP\_103.dgn  
DATE/TIME = 01-DEC-2020 21:25  
USER = jmtplw1-pw-avc

007-RFC-001-003  
PROJECT MANAGER B. STRIZKI

CHECK CG/BM/KW

DRAFTING C. WISNER

CHECK S. REYNOLDS

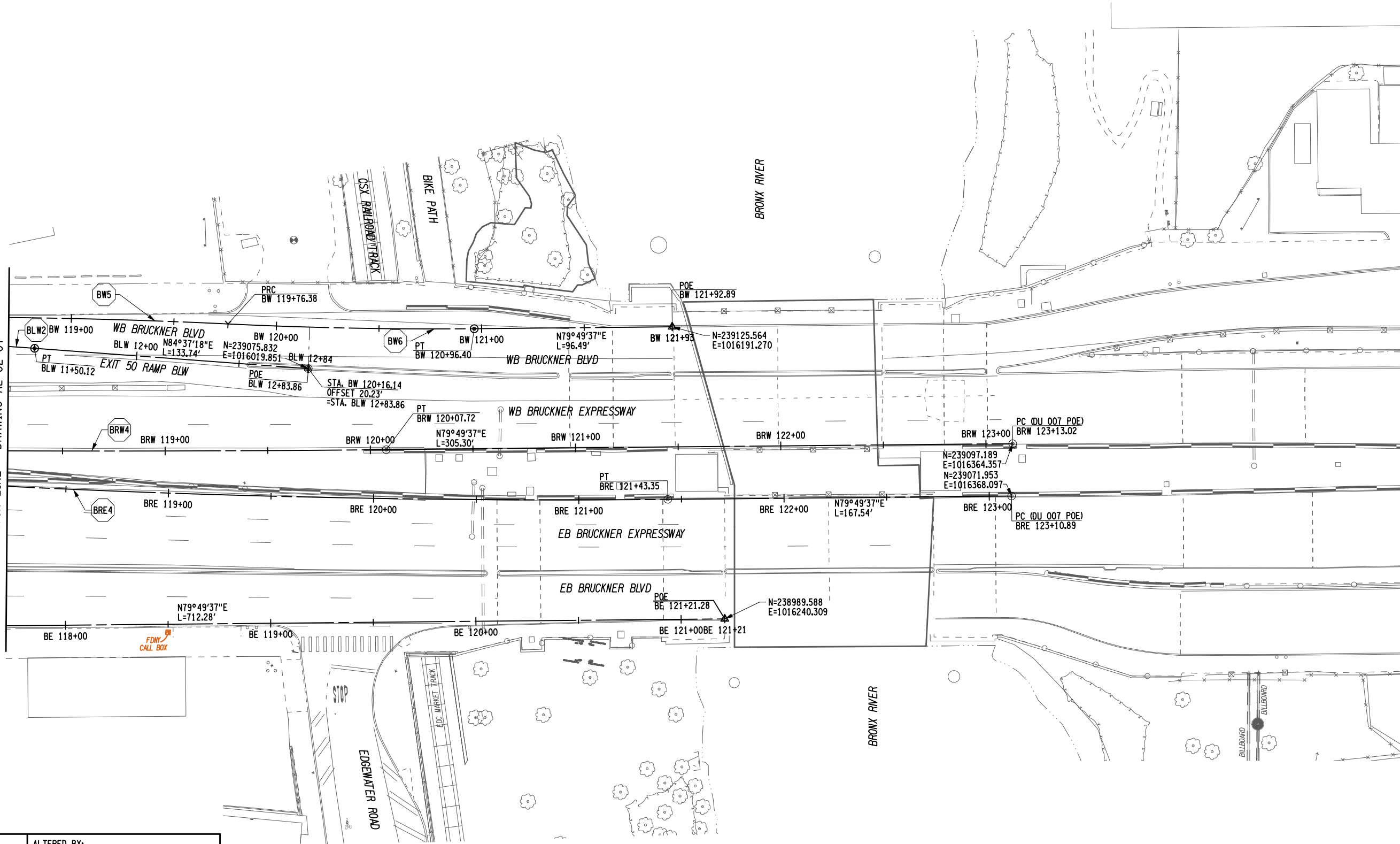
DESIGN CG/BM/KW

JOB MANAGER CG/BM/KW

DESIGN SUPERVISOR S. REYNOLDS



MATCH LINE - DRAWING AL-02-07

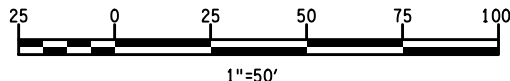


AFFIX SEAL: SHAWN E. REYNOLDS  
ON: 11-30-2020

ALTERED BY:  
ON:



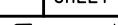


NOTE  
1. SURVEY PROJECT CONTROL FOR THE PROJECT  
AS PROVIDED BY NYSDOT IN PART 7 OF THE RFP.



LEGEND:

N1 CURVE NUMBER.  
SEE DWG. MST-1-07 FOR  
CURVE DATA TABLES

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	DESIGN QUALITY ASSURANCE ENGINEER: HARDESTY & HANOVER 	HUNTS POINT INTERSTATE ACCESS IMPROVEMENT PROJECT		PIN X731.63	BRIDGES	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER D900047	
	6/10/2021	CONTRACT 1						ALIGNMENT PLAN	DRAWING NO. AL-03-07 SHEET NO. 07-020
	ELANA FREEDMAN, P.E. DATE								
	THIS DRAWING HAS UNDERGONE REVIEWS AS REQUIRED TO BE RELEASED FOR CONSTRUCTION UNDER RFP PART 3, SECTION 5.8.3 OF THE CONTRACT DOCUMENTS.	COUNTY: BRONX REGION: 11							
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Department of  
Transportation

SKANSKA **ETECO** HPA  
JOINT VENTURE

RELEASE FOR CONSTRUCTION

FILE NAME = D07\_X73163\_CPH\_MST\_001.dgn  
DATE/TIME = 01-DEC-2020 21:27  
USER = jntpm11-pw-svc

007-RFC-001-003  
PROJECT MANAGER B. STRIZKI

CHECK CG/BM/KW

DRAFTING C. WISNER

CHECK S. REYNOLDS

DESIGN CG/BM/KW

JOB MANAGER CG/BM/KW

DESIGN SUPERVISOR S. REYNOLDS

WESTBOUND BRUCKNER EXPRESSWAY

EXISTING M CURVE DATA			
CURVE DATA CURVE M1		CURVE DATA CURVE M2	
P.C. = M 28+43.07		P.R.C. = M 30+12.51	
P.R.C. = M 30+12.51		P.T. = M 31+59.55	
R = 3000.00'		R = 250.00'	
L = 169.44'		L = 147.04'	
$\Delta$ = 3° 14' 10" LT		$\Delta$ = 33° 41' 53" RT	

PROPOSED BRW CURVE DATA							
CURVE DATA CURVE BRW1		CURVE DATA CURVE BRW2		CURVE DATA CURVE BRW3		CURVE DATA CURVE BRW4	
P.C. = BRW 111+22.10		P.R.C. = BRW 112+91.54		P.C. = BRW 115+38.85		P.C. = BRW 117+00.64	
P.R.C. = BRW 112+91.54		P.T. = BRW 114+29.41		P.T. = BRW 115+69.60		P.T. = BRW 120+07.72	
R = 3000.00'		R = 250.00'		R = 537.25'		R = 14499.25'	
L = 169.44'		L = 137.87'		L = 30.75'		L = 307.07'	
$\Delta$ = 3° 14' 10" LT		$\Delta$ = 31° 35' 50" RT		$\Delta$ = 3° 16' 44" RT		$\Delta$ = 1° 12' 48" LT	

EASTBOUND BRUCKNER EXPRESSWAY

EXISTING P CURVE DATA					
CURVE DATA CURVE P1		CURVE DATA CURVE P2		CURVE DATA CURVE P3	
P.C. = P 18+65.04		P.C.C. = P 20+09.12		P.R.C. = P 22+65.26	
P.C.C. = P 20+09.12		P.R.C. = P 22+65.26		P.T. = P 24+43.90	
R = 1500.00'		R = 3000.00'		R = 250.51'	
L = 144.08'		L = 256.14'		L = 178.64'	
$\Delta$ = 5° 30' 12" LT		$\Delta$ = 4° 53' 31" LT		$\Delta$ = 40° 51' 26" RT	

PROPOSED BRE CURVE DATA							
CURVE DATA CURVE BRE1		CURVE DATA CURVE BRE2		CURVE DATA CURVE BRE3		CURVE DATA CURVE BRE4	
P.C. = BRE 109+94.91		P.R.C. = BRE 112+48.67		P.C. = BRE 114+66.16		P.R.C. = BRE 116+08.21	
P.R.C. = BRE 112+48.67		P.T. = BRE 114+00.05		P.R.C. = BRE 116+08.21		P.T. = BRE 121+43.35	
R = 2972.17'		R = 278.34'		R = 534.17'		R = 5500.00'	
L = 253.76'		L = 151.38'		L = 142.05'		L = 535.14'	
$\Delta$ = 4° 53' 31" LT		$\Delta$ = 31° 09' 34" RT		$\Delta$ = 15° 14' 14" RT		$\Delta$ = 5° 34' 29" LT	

WESTBOUND BRUCKNER BLVD

PROPOSED BW CURVE DATA											
CURVE DATA CURVE BW1		CURVE DATA CURVE BW2		CURVE DATA CURVE BW3		CURVE DATA CURVE BW4		CURVE DATA CURVE BW5		CURVE DATA CURVE BW6	
P.C. = BW 113+65.29		P.C.C. = BW 113+97.66		P.C. = BW 115+97.72		P.C. = BW 117+16.38		P.R.C. = BW 118+36.38		P.R.C. = BW 119+76.38	
P.C.C. = BW 113+97.66		P.T. = BW 115+52.49		P.T. = BW 116+37.40		P.R.C. = BW 118+36.38		P.R.C. = BW 119+76.38		P.T. = BW 120+96.40	
R = 132.00'		R = 628.52'		R = 607.00'		R = 2500.00'		R = 2850.00'		R = 2084.0486'	
L = 32.37'		L = 154.83'		L = 39.68'		L = 120.00'		L = 140.00'		L = 120.02'	
$\Delta$ = 14° 03' 04" RT		$\Delta$ = 14° 06' 50" RT		$\Delta$ = 3° 44' 44" RT		$\Delta$ = 2° 45' 01" LT		$\Delta$ = 2° 48' 52" RT		$\Delta$ = 3° 17' 58" LT	

WESTBOUND EXIT 50 RAMP BLW

PROPOSED BLW CURVE DATA			
CURVE DATA CURVE BLW1		CURVE DATA CURVE BLW2	
P.C. = BLW 10+00.00		P.R.C. = BLW 10+65.03	
P.R.C. = BLW 10+65.03		P.T. = BLW 11+50.12	
R = 1512.00'		R = 1211.46'	
L = 65.03'		L = 85.09'	
$\Delta$ = 2° 27' 52" LT		$\Delta$ = 4° 01' 26" RT	


EASTBOUND BRUCKNER BLVD

EXISTING N CURVE DATA									
CURVE DATA CURVE N1		CURVE DATA CURVE N2		CURVE DATA CURVE N3		CURVE DATA CURVE N4		CURVE DATA CURVE N5	
P.C. = N 16+36.60		P.C. = N 18+22.20		P.R.C. = N 18+88.81		P.C.C. = N 19+77.22		P.C. = N 21+35.85	
P.T. = N 18+00.96		P.R.C. = N 18+88.81		P.C.C. = N 19+77.22		P.T. = N 20+87.40		P.T. = N 22+16.63	
R = 750.00'		R = 750.00'		R = 2078.93'		R = 700.49'		R = 1923.23'	
L = 164.36'		L = 66.61'		L = 88.41'		L = 110.19'		L = 80.78'	
$\Delta$ = 12° 33' 23"		$\Delta$ = 5° 05' 19"		$\Delta$ = 2° 26' 11"		$\Delta$ = 9° 00' 45"		$\Delta$ = 2° 24' 24"	

PROPOSED BE CURVE DATA							
CURVE DATA CURVE BE1		CURVE DATA CURVE BE2		CURVE DATA CURVE BE3		CURVE DATA CURVE BE4	
P.C. = BE 107+80.00		P.C. = BE 110+15.86		P.C. = BE 112+33.02		P.C.C. = BE 113+45.01	
P.T. = 109+86.95		P.T. = BE 110+96.54		P.C.C. = BE 113+45.01		P.T. = BE 114+09.00	
R = 2223.75'		R = 5450.00'		R = 380.00'		R = 175.00'	
L = 206.95'		L = 80.68'		L = 111.99'		L = 63.99'	
$\Delta$ = 5° 19' 56" LT		$\Delta$ = 0° 50' 54" LT		$\Delta$ = 16° 53' 08" RT		$\Delta$ = 20° 57' 04" RT	

AFFIX SEAL: SHAWN E. REYNOLDS  
ON: 11-30-2020

ALTERED BY:  
ON:



NOTE

1. SURVEY PROJECT CONTROL FOR THE PROJECT  
AS PROVIDED BY NYSDOT IN PART 7 OF THE RFP.

AS-BUILT REVISIONS  
DESCRIPTION OF ALTERATIONS:

DESIGN QUALITY ASSURANCE ENGINEER:  
HARDESTY & HANOVER  
DATE: 6/10/2021  
ELANA FREEDMAN, P.E.  
THIS DRAWING HAS UNDERGONE REVIEWS AS  
REQUIRED TO BE RELEASED FOR  
CONSTRUCTION UNDER RFP PART 3, SECTION  
5.8.3 OF THE CONTRACT DOCUMENTS.

HUNTS POINT INTERSTATE ACCESS IMPROVEMENT PROJECT

CONTRACT 1

COUNTY: BRONX

REGION: 11

PIN X731.63

BRIDGES

CULVERTS

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

MISCELLANEOUS TABLES

RELEASE FOR CONSTRUCTION

SKANSKA  HPA  
JOINT VENTURE

CONTRACT NUMBER  
D900047  
DRAWING NO. MST-01-07  
SHEET NO. 07-021



Department of  
Transportation

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

FILE NAME = DUT\_X73163\_CPH\_MST\_002.dgn  
DATE/TIME = 19-May-2021 11:44  
USER = jntpm11-pw-avc

007-RFC-001-003  
PROJECT MANAGER B. STRIZKI

CHECK CG/BM/KW

DRAFTING C. WISNER

CHECK S. REYNOLDS

DESIGN CG/BM/KW

JOB MANAGER CG/BM/KW

DESIGN SUPERVISOR S. REYNOLDS

CURB RAMP TABLE								
CURB RAMP ID *	CURB RAMP LOCATION	QUADRANT	STATION	OFFSET	LAT COORDINATE	LONG COORDINATE	NEW, MODIFY, OR REPLACE	COMMENTS
3	WHITLOCK AVE AND BRUCKNER BLVD WB CROSSING WHITLOCK AVE	E	BW 114+01.06	LT	73.8874° W	40.8226° N	REPLACE	
4	WHITTIER ST AND BRUCKNER BLVD EB CROSSING WHITTIER ST	W	BE 116+91.71	RT	73.8859° W	40.8224° N	REPLACE	
5	WHITTIER ST AND BRUCKNER BLVD EB CROSSING WHITTIER ST	E	BE 117+34.01	RT	73.8858° W	40.8224° N	REPLACE	
6	EDGEWATER RD AND BRUCKNER BLVD EB CROSSING EDGEWATER RD	W	BE 119+33.09	RT	73.8851° W	40.8225° N	REPLACE	
7	EDGEWATER RD AND BRUCKNER BLVD EB CROSSING EDGEWATER RD	E	BE 119+64.94	RT	73.8850° W	40.8225° N	REPLACE	

NOTES:

1. RAMP LOCATION IS TAKEN AT THE MOST BACK STATION RAMP CORNER AT THE STREET.

CURB RETURN GEOMETRY TABLE						
CURB RETURN LOCATION	QUADRANT	PC STATION	PC OFFSET	PT STATION	PT OFFSET	CURB RADIUS
WHITLOCK AVE AND BRUCKNER BLVD WB CROSSING WHITLOCK AVE	E	BW 113+52.87	3.65' LT	BW 113+52.62	9.65' LT	3.00'
WHITLOCK AVE AND BRUCKNER BLVD WB CROSSING WHITLOCK AVE	E	BW 113+52.62	9.65' LT	BW 114+14.62	29.86' LT	250.00'
WHITTIER ST AND BRUCKNER BLVD EB CROSSING WHITTIER ST	W	BE 116+83.51	0.00' RT	BE 116+95.37	10.18' RT	12.00'
WHITTIER ST AND BRUCKNER BLVD EB CROSSING WHITTIER ST	E	BE 117+34.01	14.61' RT	BE 117+46.33	0.00' RT	12.50'
EDGEWATER RD AND BRUCKNER BLVD EB CROSSING EDGEWATER RD	W	BE 119+30.06	0.00' RT	BE 119+33.06	3.00' RT	3.00'
EDGEWATER RD AND BRUCKNER BLVD EB CROSSING EDGEWATER RD	E	BE 119+58.68	39.52' RT	BE 119+74.00	7.00' RT	30.00'
EDGEWATER RD AND BRUCKNER BLVD EB CROSSING EDGEWATER RD	E	BE 119+74.00	7.00' RT	BE 120+02.13	0.00' RT	60.00'


BICYCLE RAMP TABLE						
BICYCLE RAMP ID *	BICYCLE RAMP LOCATION	QUADRANT	STATION	OFFSET	LAT COORDINATE	LONG COORDINATE
1	WHITLOCK AVE AND BRUCKNER BLVD WB CROSSING WHITLOCK AVE	E	BW 113+86.52	LT	40.8226° N	73.8875° W

NOTES:

1. RAMP LOCATION IS TAKEN AT THE MOST BACK STATION RAMP CORNER AT THE STREET.


BICYCLE RAMP/ADA CURB RAMP POINTS							
		DRAWING NO.					
		CRP-02		CRP-03		CRP-04	
		NORTHING	EASTING	NORTHING	EASTING	NORTHING	EASTING
POINT NO.	1	238989.9617	1015393.9888	238910.5346	1015818.0605	238948.9565	1016056.4093
	2	238987.3812	1015399.2889	238909.3237	1015811.3969	238947.9781	1016050.8275
	3	238996.8201	1015407.3150	238908.4280	1015806.4778	238947.1150	1016045.9026
	4	238999.3679	1015402.0821	238903.5089	1015807.3736	238942.1900	1016046.7658
	5	239003.3820	1015405.2978	238904.4046	1015812.2927	238943.0532	1016051.6907
	6	239004.0438	1015415.3094	238906.1883	1015822.0878	238944.0618	1016057.4450
	7	239004.3737	1015420.2985	238916.2133	1015862.0760	238947.7993	1016088.9641
	8	239009.3628	1015419.9686	238917.2415	1015867.8047	238954.3275	1016093.9238
	9	239009.0330	1015414.9795	238918.1247	1015872.7260	238957.5642	1016097.7348
	10	239008.6591	1015409.3250	238913.2033	1015873.6093	238961.9439	1016104.5063
	11	-	-	238912.3201	1015868.6879	238951.8462	1016113.0217
	12	-	-	238910.9340	1015860.9652	238950.2152	1016103.9322
	13	-	-	-	-	238949.5340	1016100.1362
	14	-	-	-	-	238947.9207	1016099.3266
	15	-	-	-	-	238940.1410	1016095.4224

AFFIX SEAL: SHAWN E. REYNOLDS  
ON: 5-21-2021



ALTERED BY:  
ON:

AS-BUILT REVISIONS  
DESCRIPTION OF ALTERATIONS:



DESIGN QUALITY ASSURANCE ENGINEER:  
HARDESTY & HANOVER  
  
6/10/2021  
ELANA FREEDMAN, P.E. DATE  
THIS DRAWING HAS UNDERGONE REVIEWS AS  
REQUIRED TO BE RELEASED FOR  
CONSTRUCTION UNDER RFP PART 3, SECTION  
5.8.3 OF THE CONTRACT DOCUMENTS.

HUNTS POINT INTERSTATE ACCESS IMPROVEMENT PROJECT  
CONTRACT 1  
COUNTY: BRONX  
REGION: 11

PIN X731.63  
BRIDGES  
CULVERTS  
ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED  
MISCELLANEOUS TABLES

CONTRACT NUMBER  
D900047  
DRAWING NO. MST-02-07  
SHEET NO. 07-022

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.



Department of  
Transportation

RELEASE FOR CONSTRUCTION

SKANSKA  HPA  
JOINT VENTURE



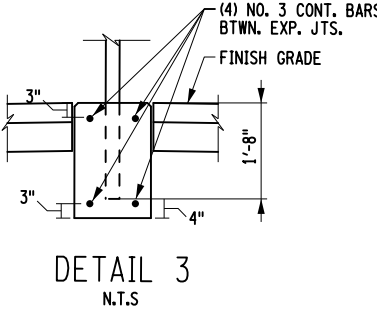
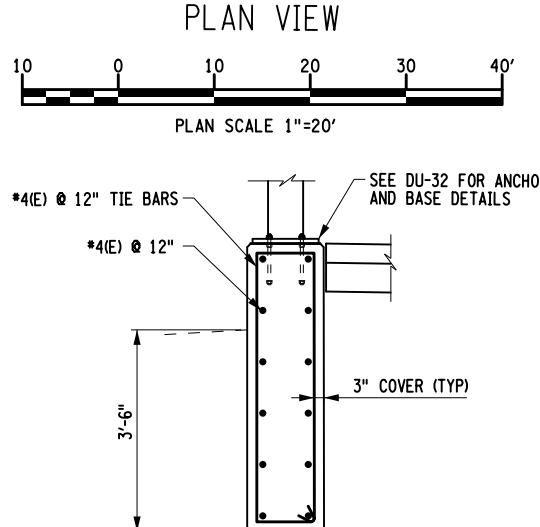
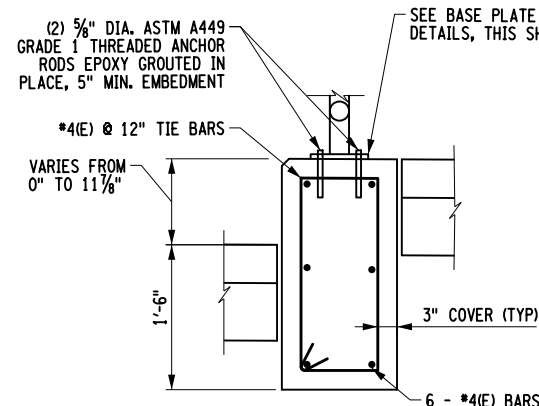
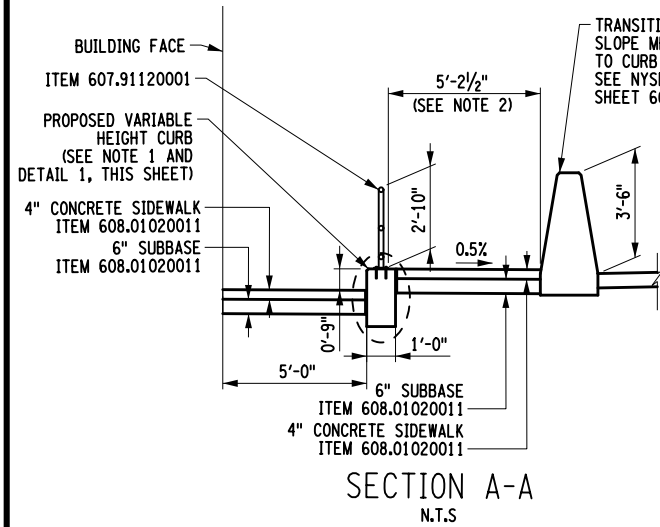
AFFIX SEAL: SHAWN E. REYNOLDS  
ON: 11-30-2020

ALTERED BY:  
ON:

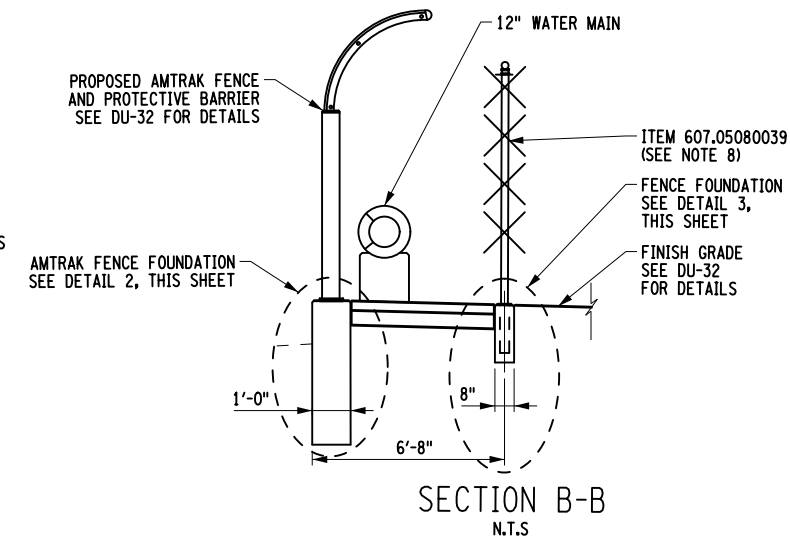
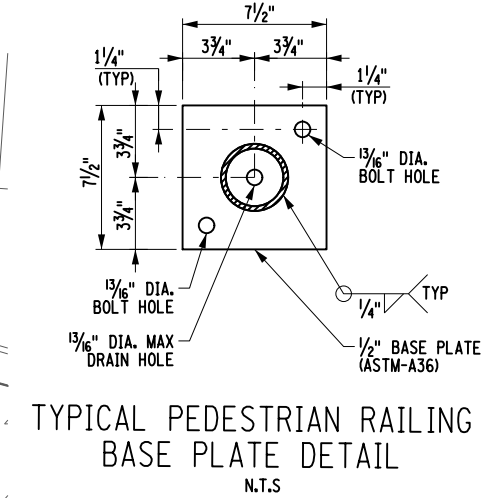
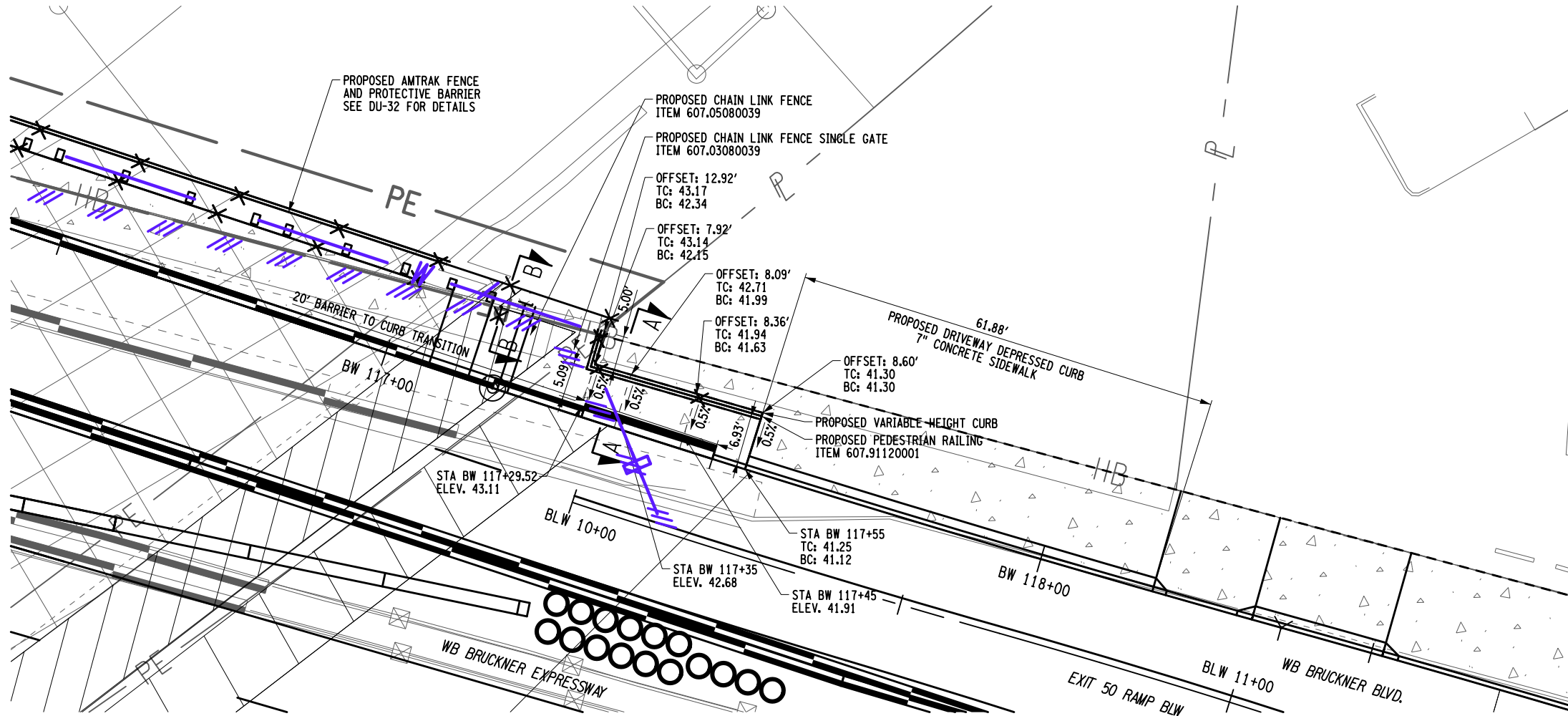
BRUCKNER BLVD WB SIDEWALK  
MUFFLER SHOP ACCESS DETAIL

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	DESIGN QUALITY ASSURANCE ENGINEER: HARDESTY & HANOVER 6/10/2021 ELANA FREEDMAN, P.E. THIS DRAWING HAS UNDERGONE REVIEWS AS REQUIRED TO BE RELEASED FOR CONSTRUCTION UNDER RFP PART 3, SECTION 5.8.3 OF THE CONTRACT DOCUMENTS.	HUNTS POINT INTERSTATE ACCESS IMPROVEMENT PROJECT CONTRACT 1 COUNTY: BRONX REGION: 11	PIN X731.63	BRIDGES	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED MISCELLANEOUS DETAILS	CONTRACT NUMBER D900047 DRAWING NO. MSD-01-07 SHEET NO. 07-023
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IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

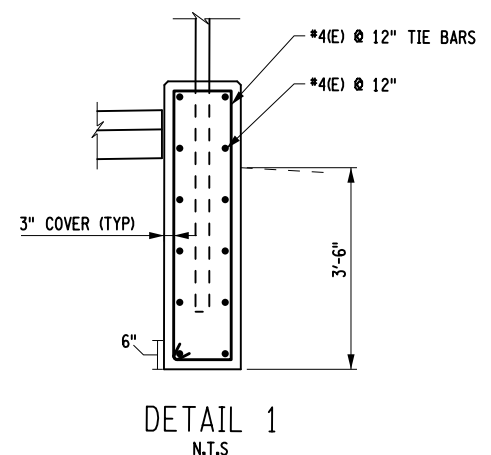
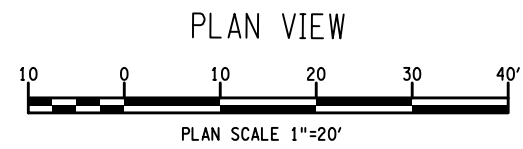
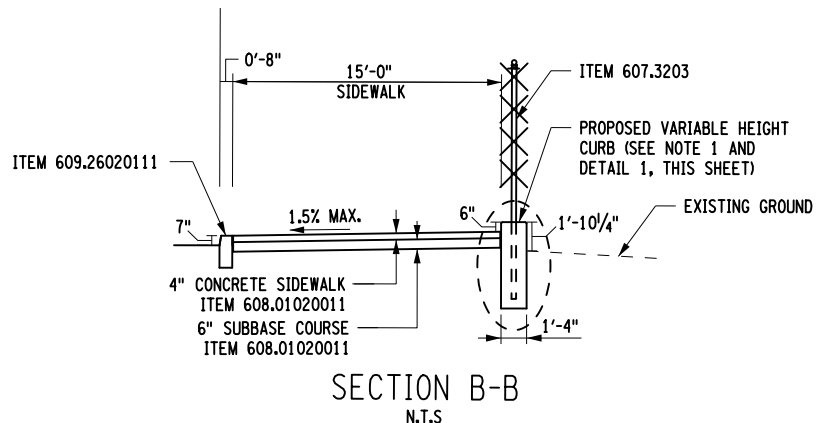
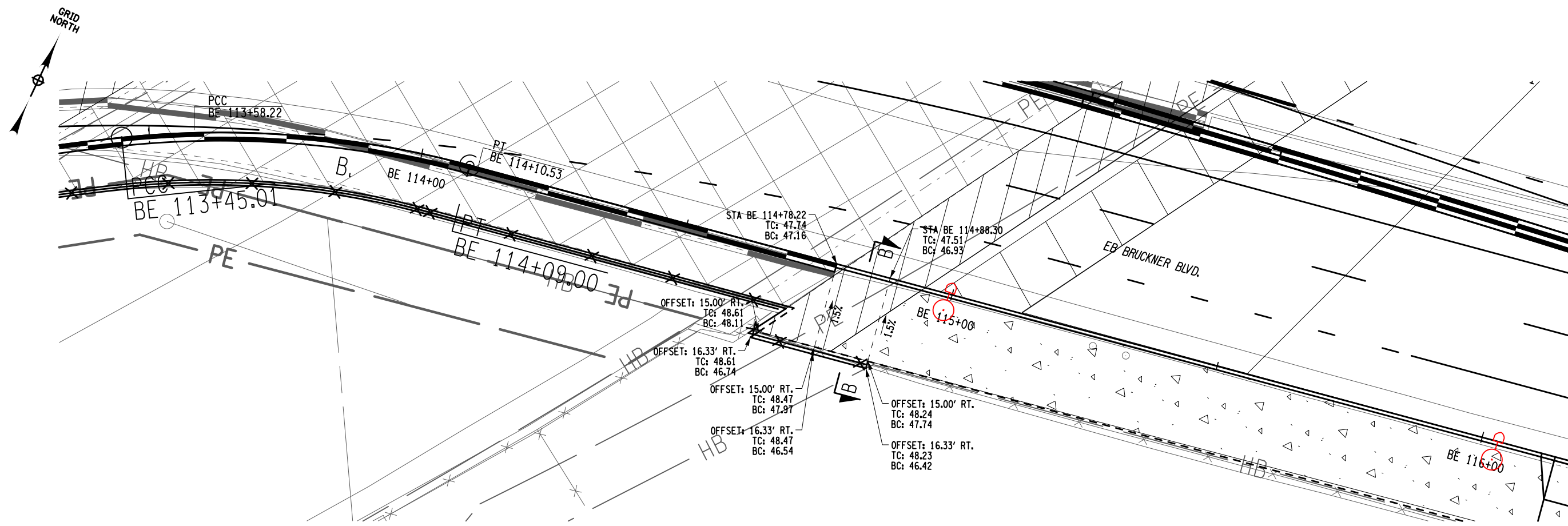


- NOTES:
- VARIABLE HEIGHT CURB ADJACENT TO PROPOSED SIDEWALK VARIES FROM 0" TO 11 1/8".
  - SIDEWALK WIDTH ON ROADWAY SIDE VARIES FROM 5'-1 1/4" TO 6'-11 3/8".
  - TC INDICATES THE TOP OF CURB ELEVATION.
  - BC INDICATES THE BOTTOM OF CURB ELEVATION.
  - OFFSETS SHOWN ARE TAKEN AT THE BACK OF THE VARIABLE HEIGHT CURB.
  - PEDESTRIAN RAILING DETAILS SHOWN IN NYSDOT STANDARD 608-01, SHEET 10 OF 12.
  - ANCHOR RODS, NUTS AND WASHERS SHALL BE GALVANIZED IN ACCORDANCE WITH MATERIAL SPECIFICATION 719-01.
  - FOUNDATION TO BE CONSTRUCTED IN ACCORDANCE WITH DETAIL 6, STANDARD D.P.R. DETAIL SHEET 15.



RELEASE FOR CONSTRUCTION

SKANSKA ECTCO HPA  
JOINT VENTURE



- NOTES:
- VARIABLE HEIGHT CURB ADJACENT TO EXISTING PROPERTY VARIES FROM 1'-9 1/2" TO 1'-10 1/2".
  - TC INDICATES THE TOP OF CURB ELEVATION.
  - BC INDICATES THE BOTTOM OF CURB ELEVATION.
  - OFFSETS SHOWN ARE TAKEN AT THE BACK OF THE VARIABLE HEIGHT CURB.

RELEASE FOR CONSTRUCTION

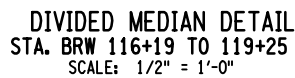
AFFIX SEAL: SHAWN E. REYNOLDS  
ON: 11-30-2020

ALTERED BY:  
ON:

BRUCKNER BLVD EB SIDEWALK  
AND VARIABLE HEIGHT CURB DETAIL

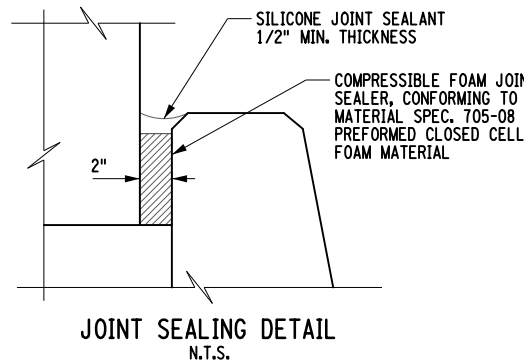
AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	DESIGN QUALITY ASSURANCE ENGINEER: HARDESTY & HANOVER 6/10/2021	HUNTS POINT INTERSTATE ACCESS IMPROVEMENT PROJECT		PIN X731.63	BRIDGES	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED MISCELLANEOUS DETAILS	CONTRACT NUMBER D900047
	ELANA FREEDMAN, P.E. THIS DRAWING HAS UNDERGONE REVIEWS AS REQUIRED TO BE RELEASED FOR CONSTRUCTION UNDER RFP PART 3, SECTION 5.8.3 OF THE CONTRACT DOCUMENTS.	CONTRACT 1						DRAWING NO. MSD-02-07 SHEET NO. 07-024
		COUNTY: BRONX		REGION: 11				

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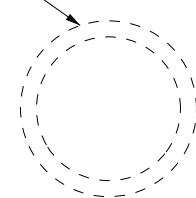



1. SEE NYSDOT STANDARD SHEET 606 FOR ADDITIONAL BARRIER DETAILS AND NOTES.
2. SEE TYPICAL SECTIONS FOR PAVEMENT AND SUBBASE DEPTHS.
3. BOTTOM OF BARRIERS TO ALIGN WITH BOTTOM OF ADJACENT CONCRETE PAVEMENT.

1. FOR DRAINAGE DETAILS, SEE DU-14.
2. FOR BARRIER/MOMENT SLAB DESIGN, SEE DU-19.



15" RCF  
(SEE DU-14)



AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	DESIGN QUALITY ASSURANCE ENGINEER: HARDESTY & HANOVER  6/10/2021	HUNTS POINT INTERSTATE ACCESS IMPROVEMENT PROJECT CONTRACT 1
	ELANA FREEDMAN, P.E. DATE THIS DRAWING HAS UNDERGONE REVIEWS AS REQUIRED TO BE RELEASED FOR CONSTRUCTION UNDER RFP PART 3, SECTION 5.8.3 OF THE CONTRACT DOCUMENTS.	COUNTY: BRONX REGION: 11

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PIN X731.63	BRIDGES	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER D900047
			MISCELLANEOUS DETAILS	DRAWING NO. MSD-03-07 SHEET NO. 07-025



Mallick & Scherer, P.C.



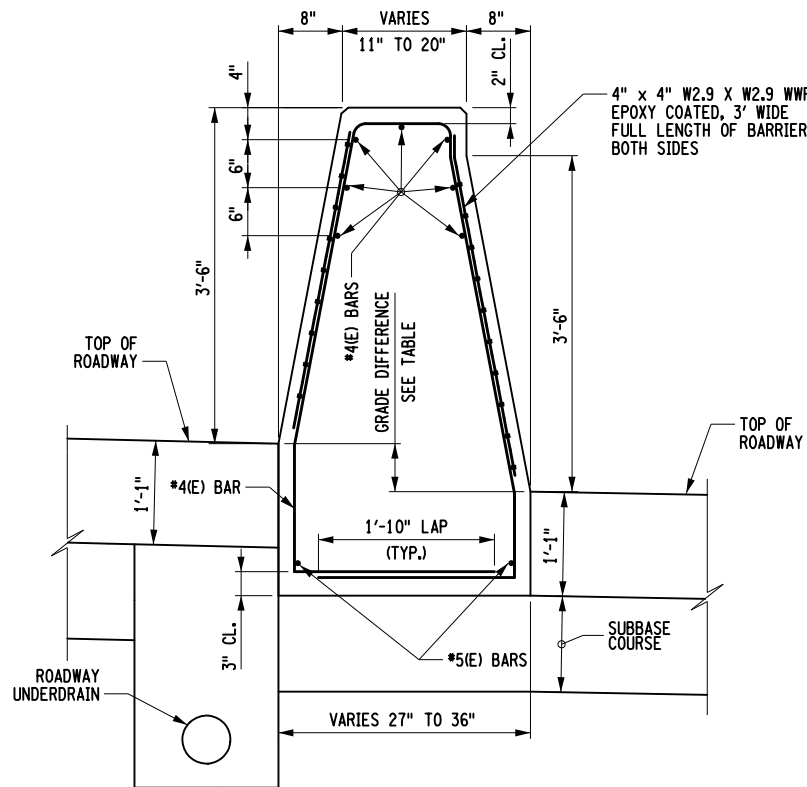
**NEW YORK**  
STATE OF  
OPPORTUNITY.

Department of  
Transportation

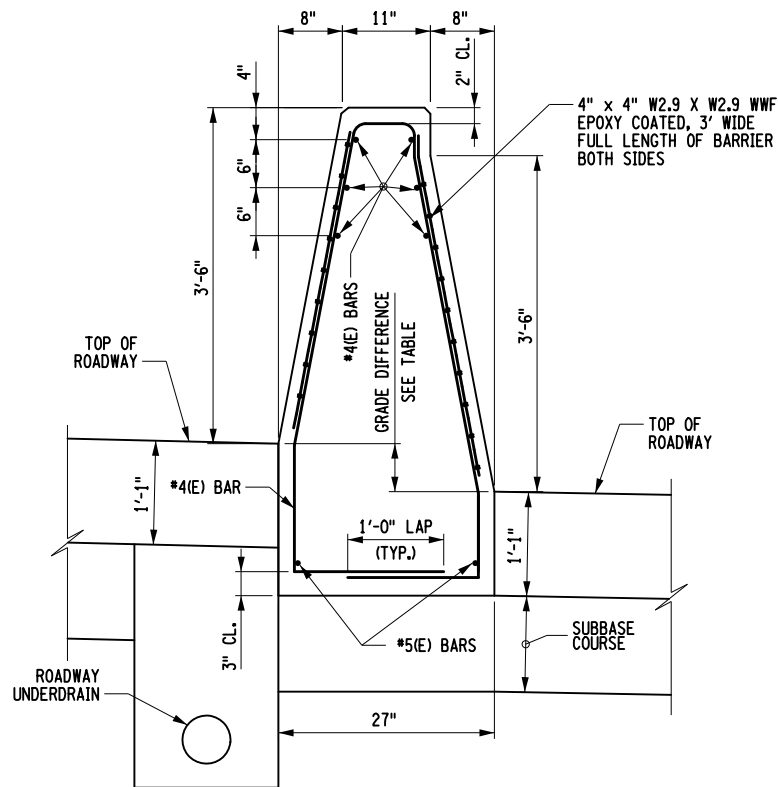
RELEASE FOR CONSTRUCTION

**SKANSKA** **ECCO** HPA  
JOINT VENTURE

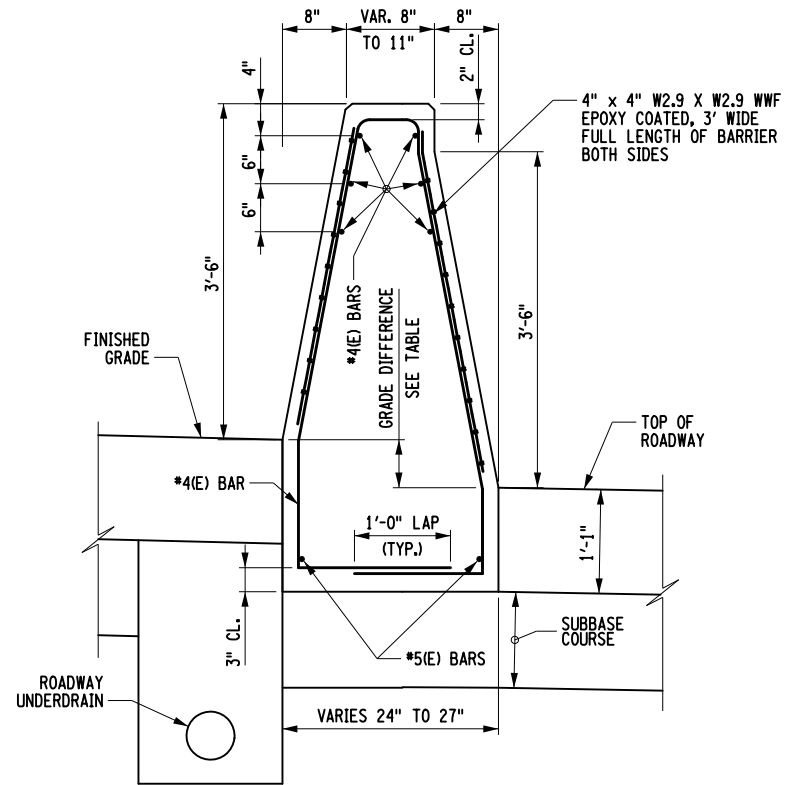




**BIFURCATED BARRIER DETAIL A**  
**TRANSITION 36" TO 27" WIDTH**  
 SCALE: 1/2" = 1'-0"



BIFURCATED BARRIER DETAIL B  
27" WIDTH  
SCALE: 1/2" = 1'-0"



BIFURCATED BARRIER DETAIL C  
TRANSITION 27" TO 24" WIDTH  
SCALE: 1/2" = 1'-0"

BIFURCATED MEDIAN BARRIER TABLE					
START STATION	END STATION	START GRADE DIFFERENCE	END GRADE DIFFERENCE	DETAIL TYPE	REMARKS
BRE 115+82.53*	BRE 119+00.00	0.62'**	1.75'**	MOMENT SLAB	• MEET EB BRUCKNER APPR. SLAB (SEE DU-31)
BRE 119+00.00	BRE 119+20.00	1.75'	1.67'	DETAIL A	
BRE 119+20.00	BRE 120+85.00	1.67'	-0.77'	DETAIL B	
BRE 120+85.00	BRE 121+05.00	-0.77'	-0.45'	DETAIL C	
BRW 116+55.58*	BRW 116+75.00	-0.30'	-0.83'	DETAIL A	• MEET WB BRUCKNER APPR. SLAB (SEE DU-32)
BRW 116+75.00	BRW 117+51.00	-0.83'	-0.22'	DETAIL B	
BRW 117+51.00	BRW 117+71.00	-0.22'	0.24'	DETAIL C	




NOTES:

1. A (-) GRADE DIFFERENCE INDICATES RIGHT ROADWAY IS HIGHER, LOOKING STATION AHEAD.
2. \*\* MAX GRADE DIFFERENCE ALONG GRSS WALL IS 3.5' AT APPROX. STATION BRE 116+50.

AFFIX SEAL: STEFAN A. ESKESEN, P.E.  
ON: 11/23/2020

ALTERED BY:  
ON:



AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:    6/10/2021  ELANA FREEDMAN, P.E. DATE THIS DRAWING HAS UNDERGONE REVIEWS AS REQUIRED TO BE RELEASED FOR CONSTRUCTION UNDER RFP PART 3, SECTION 5.8.3 OF THE CONTRACT DOCUMENTS.	DESIGN QUALITY ASSURANCE ENGINEER: HARDESTY & HANOVER	HUNTS POINT INTERSTATE ACCESS IMPROVEMENT PROJECT	PIN X731.63	BRIDGES	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER D900047	
		CONTRACT 1				MISCELLANEOUS DETAILS	DRAWING NO. MSD-04-07 SHEET NO. 07-026	
		COUNTY: BRONX	REGION: 11					
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.						 Mollick & Scheerer, P.C.	 NEW YORK STATE OF OPPORTUNITY.	Department of Transportation

NOTES:

1. SEE NYSDOT STANDARD SHEET 606 FOR ADDITIONAL DETAILS AND NOTES.
2. SEE TYPICAL SECTIONS FOR PAVEMENT AND SUBBASE DEPTHS.
3. BOTTOM OF BARRIER TO ALIGN WITH BOTTOM OF ADJACENT CONCRETE PAVEMENT.

RELEASE FOR CONSTRUCTION

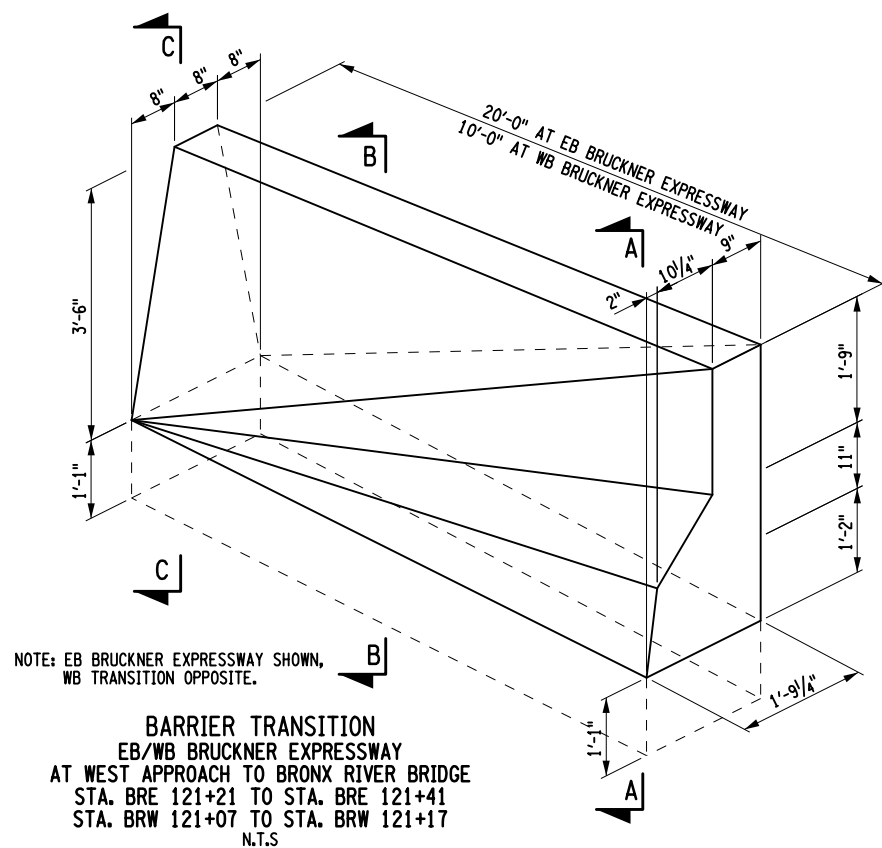
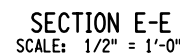
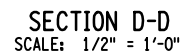
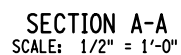
**SKANSKA** **ECCO** HPA  
JOINT VENTURE

CONTRACT NUMBER  
D900047

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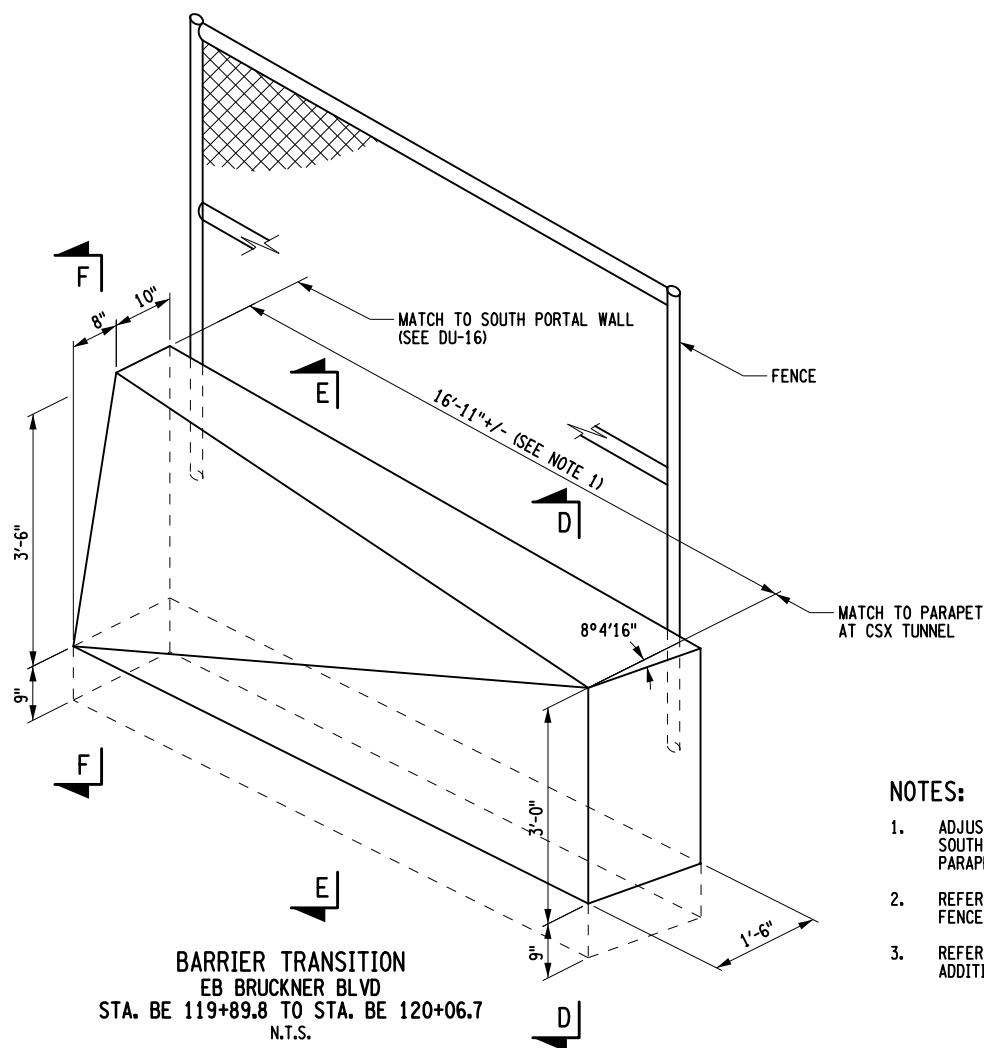
DRAWING NO. MSD-04-07  
SHEET NO. 07-026

Department of  
Transportation



NOTE: EB BRUCKNER EXPRESSWAY SHOWN,  
WB TRANSITION OPPOSITE.

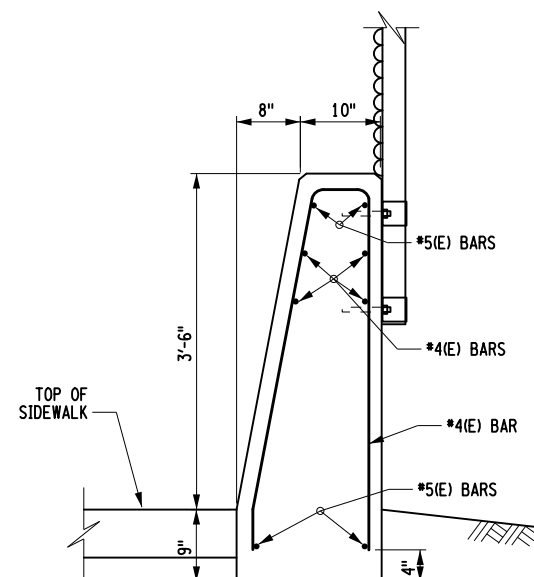
BARRIER TRANSITION  
EB/WB BRUCKNER EXPRESSWAY  
AT WEST APPROACH TO BRONX RIVER BRIDGE  
STA. BRE 121+21 TO STA. BRE 121+41  
STA. BRW 121+07 TO STA. BRW 121+17  
N.T.S



BARRIER TRANSITION  
EB BRUCKNER BLVD  
STA. BE 119+89.8 TO STA. BE 120+06.7  
N.T.S.

NOTES:

1. ADJUST LENGTH AS REQUIRED BETWEEN FINISHED END OF SOUTH PORTAL WALL (SEE DU-16) AND EXISTING CSX TUNNEL PARAPET.
2. REFER TO NYSDOT BRIDGE SHEET BD-FD3E FOR ADDITIONAL FENCE DETAILS.
3. REFER TO NYSDOT STANDARD SHEET 606-13 AND 606-14 FOR ADDITIONAL BARRIER DETAILS.



SECTION F-F  
SCALE: 1/2" = 1'-0"

RELEASE FOR CONSTRUCTION

**SKANSKA** ECCO HPA  
JOINT VENTURE

CONTRACT NUMBER  
D900047

DRAWING NO. MSD-05-07  
SHEET NO. 07-027



Malick & Scherer, P.C.

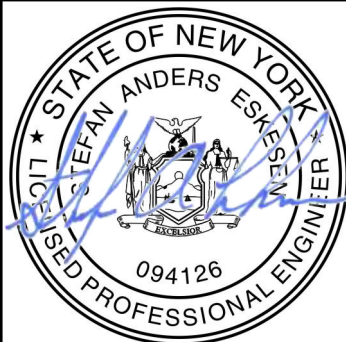


**NEW YORK**  
STATE OF  
OPPORTUNITY

Department of  
Transportation

AFFIX SEAL: STEFAN A. ESKESEN, P.E.  
ON: 11/23/2020

ALTERED BY:  
ON:



AS-BUILT REVISIONS  
DESCRIPTION OF ALTERATIONS:

DESIGN QUALITY ASSURANCE ENGINEER:  
HARDESTY & HANOVER

ELANA FREEDMAN, P.E. DATE  
THIS DRAWING HAS UNDERGONE REVIEWS AS  
REQUIRED TO BE RELEASED FOR  
CONSTRUCTION UNDER RFP PART 3, SECTION  
5.8.3 OF THE CONTRACT DOCUMENTS.

HUNTS POINT INTERSTATE ACCESS IMPROVEMENT PROJECT
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**CONTRACT 1**

COUNTY: BRONX

ECT	PIN X731.63
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REGION: 11

BRIDGES

CULVERTS	
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ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED

## MISCELLANEOUS DETAILS

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

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USER = seskesen

007-RFC-001-003  
PROJECT MANAGER B. STRIZKI

CHECK S. ESKESEN

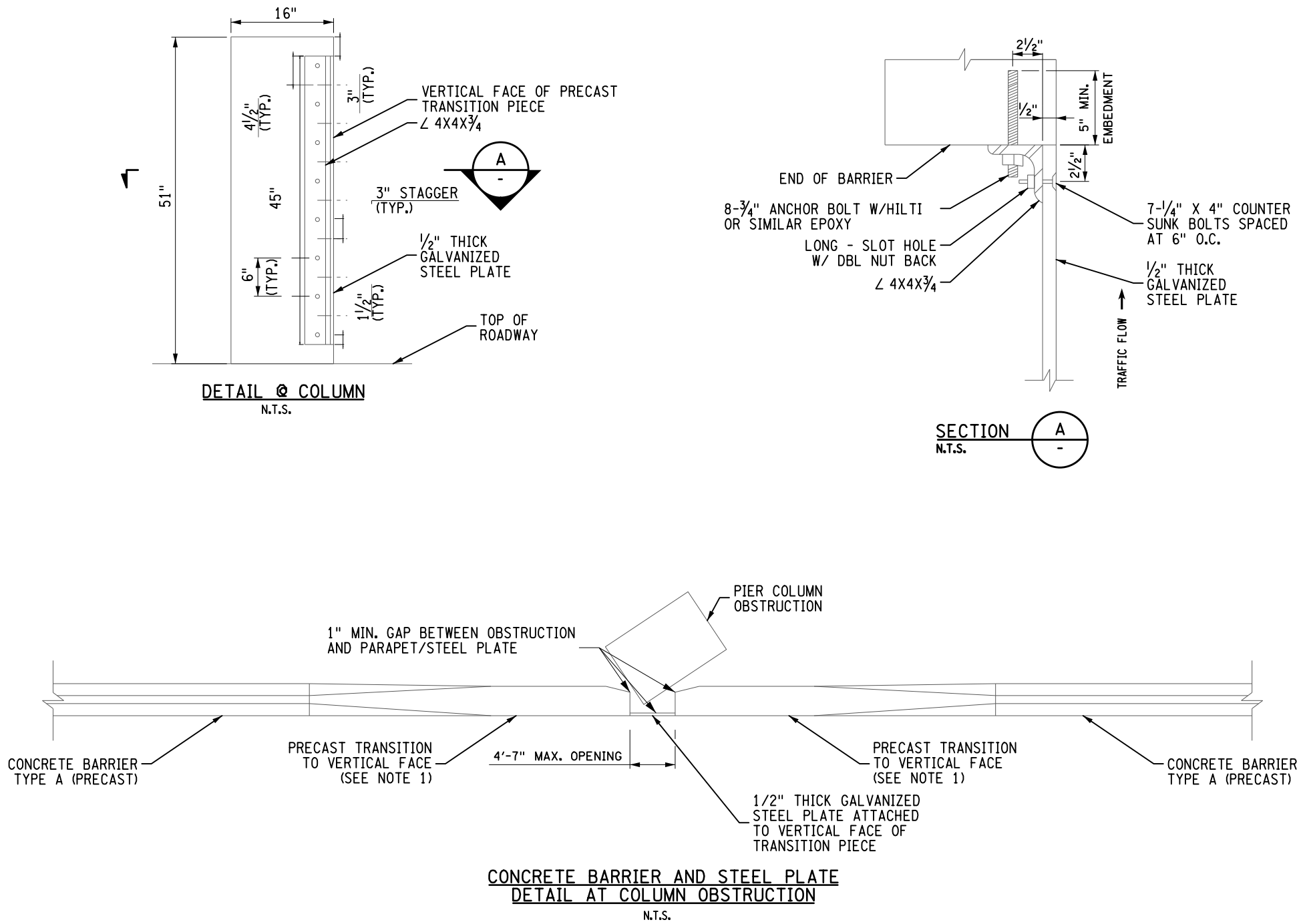
DRAFTING N. DIMICHELE

CHECK S. ESKESEN

DESIGN N. DIMICHELE

JOB MANAGER S. ESKESEN

DESIGN SUPERVISOR S. REYNOLDS



- NOTES:
- FOR PRECAST TRANSITION SECTION AT COLUMN OBSTRUCTIONS, SEE NYSDOT STANDARD SHEET 606-41.

AFFIX SEAL: STEFAN A. ESKESEN, P.E. ON: 11/23/2020		ALTERED BY: ON:															
		AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:		DESIGN QUALITY ASSURANCE ENGINEER: HARDESTY & HANOVER 6/10/2021		HUNTS POINT INTERSTATE ACCESS IMPROVEMENT PROJECT		PIN X731.63		BRIDGES		CULVERTS		ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED		CONTRACT NUMBER D900047	
				ELANA FREEDMAN, P.E. THIS DRAWING HAS UNDERGONE REVIEWS AS REQUIRED TO BE RELEASED FOR CONSTRUCTION UNDER RFP PART 3, SECTION 5.8.3 OF THE CONTRACT DOCUMENTS.		CONTRACT 1								MISCELLANEOUS DETAILS		DRAWING NO. MSD-06-07 SHEET NO. 07-028	
						COUNTY: BRONX		REGION: 11									
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.																	
														Department of Transportation			

RELEASE FOR CONSTRUCTION

SKANSKA ECCC HPA  
JOINT VENTURE



CURB RAMP NOTES, ITEM 608.01030011



1. IN AREAS WHERE EXISTING CURB RAMPS ARE BEING MODIFIED, REPLACED OR NEW CURB RAMPS ARE BEING INSTALLED, THE CURB RAMP, TURNING SPACE, CLEAR SPACE, SIDE FLARES, DETECTABLE WARNING UNITS, AND CURB/CUTTER INSTALLATION SHALL BE INCLUDED UNDER ITEM NO. 608.01030011 (SEE SPECIAL SPECIFICATION FOR ALL INCLUDED WORK). ADDITIONAL SIDEWALK NECESSARY FOR TRANSITIONING TO EXISTING SIDEWALK, SEPARATE FROM THE RAMP, FLARE, TURNING SPACE OR CLEAR SPACE, UP TO 25 SF SHALL ALSO BE PAID FOR UNDER ITEM 608.01030011. ANY TRANSITION PANEL GREATER THAN 25 SF WILL REQUIRE PRIOR APPROVAL BY THE EIC.
2. DEPENDING ON SITE CONDITIONS, EXISTING CURBS MAY REQUIRE PARTIAL OR TOTAL REMOVAL, OR CUTTING TO INSTALL NEW CURB RAMPS IN PROPER ORIENTATION. EXISTING CURB MAY ALSO REQUIRE REPLACEMENT IF AN ADA COMPLIANT CURB RAMP COULD NOT OTHERWISE BE CONSTRUCTED.
3. ITEM NO. 608.01030011 INCLUDES PLACING TOPSOIL AND RE-ESTABLISHING TURF IN DISTURBED AREAS. MATERIALS FOR ALL SITE RESTORATIONS SHALL MEET THE FOLLOWING REQUIREMENTS, AS PER THE LANDSCAPE DEVELOPMENT STANDARD SPECIFICATIONS:  
TOPSOIL - TYPE 1 TOPSOIL-ROADSIDE, 4" THICK  
SEED MIX - TYPE C, LAWN SEED MIX  
MULCH - TYPE 1, WOOD FIBER MULCH  
FERTILIZER - TYPE A  
RESTORATION OF DISTURBED AREAS SHALL BE PERFORMED AS SPECIFIED UNDER SECTION 107-08 OF THE NYSDOT STANDARD SPECIFICATION. ANY EXISTING PLANT MATERIAL SHALL BE PROTECTED AS PER SECTION 107-08C OF THE STANDARD SPECIFICATION.
4. SAW CUTTING OF THE EXISTING SIDEWALK SHALL BE INCLUDED UNDER ITEM NO. 608.01030011.
5. THE SNOW STORAGE AREA MATERIAL MAY VARY FROM CONCRETE, BRICK, TURF, ASPHALT, ETC. DISTURBANCE OF THE SNOW STORAGE SHALL BE KEPT AT A MINIMUM. SNOW STORAGE REPAIRS AND CURB SHALL BE INCLUDED UNDER CURB RAMP ITEM NO. 608.01030011.
6. ANY FILL MATERIAL REQUIRED TO ACHIEVE GRADING OF THE PROPOSED CURB RAMP SHALL MEET THE REQUIREMENTS OF SECTION 733-08 - EMBANKMENT IN PLACE. THE FILL MATERIAL SHALL BE INCLUDED UNDER ITEM NO. 608.01030011.
7. CURB RAMP DETECTABLE WARNING SURFACE (DWS) SHALL BE BRIGHT RED - FEDERAL STANDARD COLOR NUMBER 31120.
8. RAMP TYPE NUMBERING CORRELATES TO THE STANDARD SHEET RAMP NUMBERS ON STANDARD SHEETS 608-01.
9. RECONSTRUCTION LIMITS BEYOND THE CURB RAMP SHALL BE KEPT TO A MINIMUM. PROVIDE TRANSITION BETWEEN THE PROPOSED RAMP/LANDING AND EXISTING SIDEWALK AREAS TO REMAIN. THE CONTRACTOR SHALL NOT DAMAGE AREAS BEYOND SAW CUT LIMITS. DAMAGE BEYOND SAW CUT LIMITS SHALL BE REPLACED TO THE NEXT JOINT OR SCORE LINE. ANY SUCH DAMAGE SHALL BE REPAIRED BY DESIGN-BULDER AT NO COST TO THE STATE.
10. THE TRANSITION FROM 7 INCH STEEL-FACE CURB TO FLUSH CURB SHALL BE A SMOOTH AND CONSISTENT TRANSITION.
11. VERTICAL FACE CURB SHOULD NOT BE USED IN THE PEDESTRIAN ACCESSIBLE ROUTE IMMEDIATELY ADJACENT TO THE SLOPED PORTION OF RAMP OR LANDINGS. SIDE FLARES SHALL BE PROVIDED WHEN FEASIBLE. SIDE FLARE SLOPES ACROSS A PEDESTRIAN CIRCULATION PATH CANNOT EXCEED A SLOPE OF 9.5%. SIDE FLARE SLOPES STEEPER THAN 9.5% MAY BE CONSTRUCTED WHERE PEDESTRIAN CIRCULATION PATHS DO NOT CROSS THE FLARE.
12. FOR TYPICAL CURB RAMP LIMITS SEE CURB RAMP CONFIGURATION SHEETS.
13. PROVIDE 7" DEPTH CONCRETE SIDEWALK PER NYCDOT STANDARDS.

CURB RAMP NOTES, GENERAL

1. ALL CURB RAMPS ARE TO BE LAID OUT COMPLETELY BY THE DESIGN-BULDER AND APPROVED BY THE ENGINEER. LAYOUT OF CURB RAMPS IS TO BE INCLUDED UNDER ITEM NO. 608.01030011.
2. IT IS STRONGLY RECOMMENDED THAT THE DESIGN-BULDER USE A DIGITAL LEVEL ON ALL FORMS PRIOR TO PLACING CONCRETE IN ORDER TO BUILD NEW SIDEWALKS AND CURB RAMPS WITH CORRECT RUNNING SLOPE AND CROSS SLOPE. SEE STANDARD SHEET SERIES 608-01 AND CURB RAMP/ADA PLANS FOR CORRECT SLOPES AND TOLERANCES.
3. THE DESIGN-BULDER SHALL HAVE ONLY ONE SIDE OF ANY INTERSECTION CLOSED AT ANY TIME. THE ENGINEER SHALL DETERMINE THE COMPLETENESS OF THE WORK AND APPROVE COMMENCING WORK IN THE OTHER SIDE OF THE INTERSECTION. SEE WORK ZONE TRAFFIC CONTROL DESIGN UNITS FOR DETAILS FOR MAINTAINING PEDESTRIAN TRAFFIC DURING CONSTRUCTION.
4. NO EXCAVATION SHALL BE LEFT OPEN FOR MORE THAN ONE NIGHT. OPEN EXCAVATIONS SHALL BE PROTECTED WITH CONES AND SAFETY TAPE TO PREVENT PEDESTRIAN ENTRY. NO EXCAVATION SHALL BE LEFT OPEN ON A WEEKEND. IF CIRCUMSTANCES PREVENT THE COMPLETION OF AN INTERSECTION BEFORE THE WEEKEND, TEMPORARY SURFACES SHALL BE PROVIDED AT NO ADDITIONAL COST TO THE STATE.
5. ALL WORK SHALL BE DONE SO AS NOT TO RESTRICT THE FREE MOVEMENT OF PEDESTRIANS ALONG ANY PEDESTRIAN FACILITY EXCEPT THAT MOVEMENT THROUGH AN AFFECTED CROSSWALK AND/OR CURB RAMP BEING RETROFITTED WITH THE DETECTABLE WARNING. PEDESTRIAN ACCOMMODATIONS MEETING ADA REGULATIONS AND DEPARTMENT STANDARD MUST BE MAINTAINED FOR THE FREE FLOW OF PEDESTRIANS AROUND ALL CONSTRUCTION SITES. SEE WZTC DUS FOR MAINTENANCE OF PEDESTRIAN TRAFFIC DURING CONSTRUCTION.
7. FOR UTILITY RELOCATION DETAILS, SEE OTHER DU PACKAGES.


DESIGN-BUILDER RESPONSIBILITY FOR ADA COMPLIANCE

1. THE DESIGN-BULDER SHALL BE RESPONSIBLE FOR THE LAYOUT, INSTALLATION AND THAT THE FINAL PRODUCT IS FULLY COMPLIANT WITH CURRENT ADA GUIDELINES AS PER PROPOSED RIGHT OF WAY ACCESSIBILITY GUIDELINES, 2011 (PROWAG) AND NYSDOT STANDARD SHEETS 608-01 (SHEETS 1-12).
2. IF EXISTING CONDITIONS PREVENT THE INSTALLATION OF FULLY ADA COMPLIANT FINAL PRODUCT, THE DESIGN-BUILDER SHALL PREPARE THE NON-STANDARD FEATURE JUSTIFICATION FORM FOR EACH NON-COMPLIANT PEDESTRIAN FACILITY AND SUBMIT THE FORMS TO NYSDOT ADA SPECIALIST FOR REVIEW AND FILING. REFER TO NYSDOT HDM CHAPTER 2 AND EXHIBIT 2-15A - NONSTANDARD FEATURE JUSTIFICATION FOR PEDESTRIAN FACILITIES.
3. IF THE FINAL PRODUCT FAILS TO MEET ADA GUIDELINES, AS DETERMINED BY THE ENGINEER IN CONSULTATION WITH THE REGIONAL ADA SPECIALIST, AND IS NOT JUSTIFIED, THE FINAL PRODUCT SHALL BE REPLACED AT NO ADDITIONAL COST TO THE STATE.

AFFIX SEAL: SHAWN E. REYNOLDS ON: 11-30-2020		ALTERED BY: ON:	
		AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	
		DESIGN QUALITY ASSURANCE ENGINEER: HARDESTY & HANOVER  6/10/2021	
		ELANA FREEDMAN, P.E. DATE THIS DRAWING HAS UNDERGONE REVIEWS AS REQUIRED TO BE RELEASED FOR CONSTRUCTION UNDER RFP PART 3, SECTION 5.8.3 OF THE CONTRACT DOCUMENTS.	
		HUNTS POINT INTERSTATE ACCESS IMPROVEMENT PROJECT CONTRACT 1 COUNTY: BRONX REGION: 11	



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RELEASE FOR CONSTRUCTION

SKANSKA  HPA

JOINT VENTURE

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED LANDSCAPE ARCHITECTURE NOTES CURB RAMPS	CONTRACT NUMBER D900047
	DRAWING NO. LAN-01-07 SHEET NO. 07-029

 **Department of Transportation**

FILE NAME = DUT\_X73163\_CPH\_CRP\_001.dgn  
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USER = jmtpl11-pw-avc

007-RFC-001-003

PROJECT MANAGER B. STRIZKI

CHECK CG/BM/KW

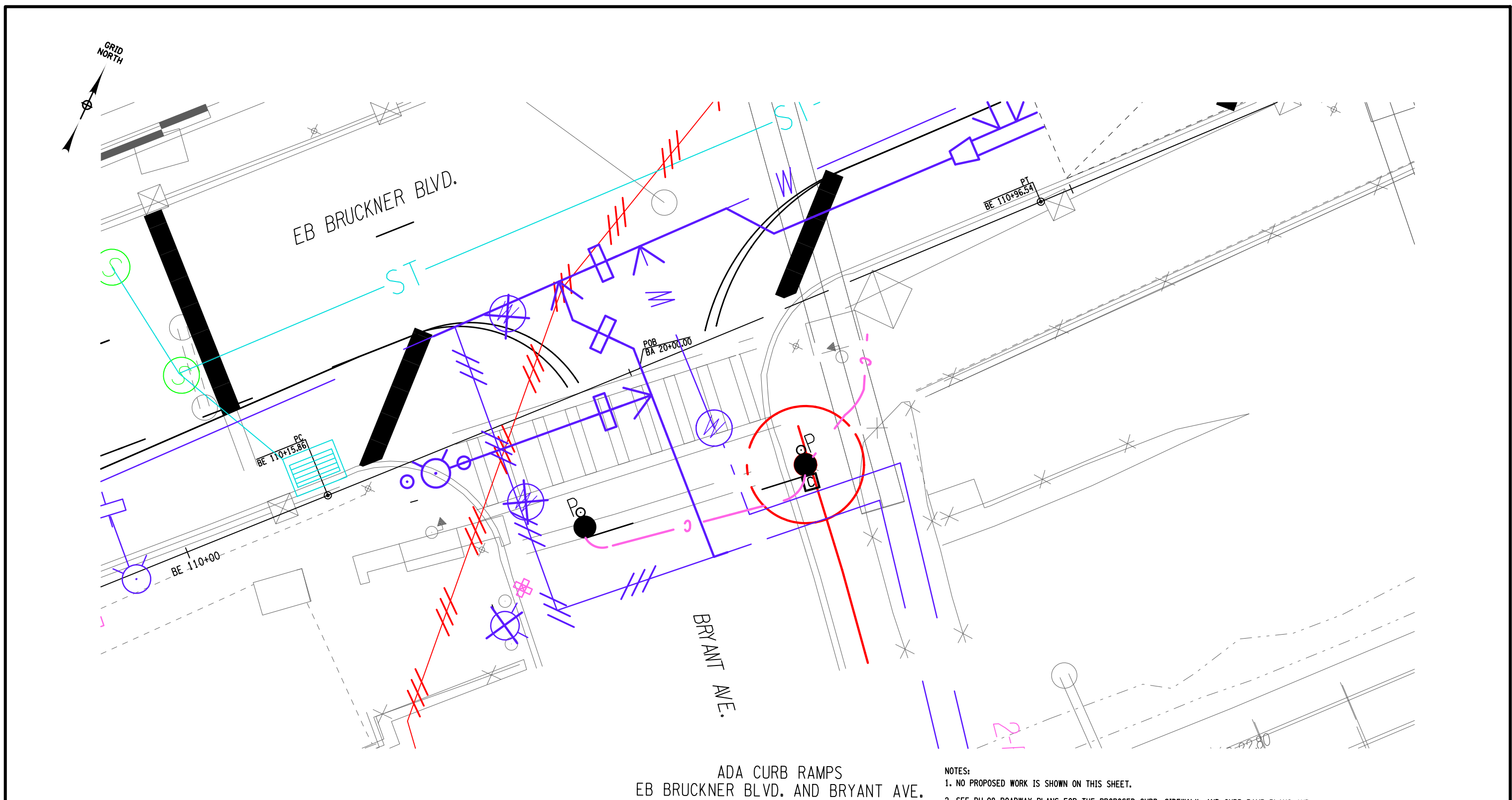
DRAFTING C. WISNER

CHECK S. REYNOLDS

DESIGN CG/BM/KW

JOB MANAGER CG/BM/KW

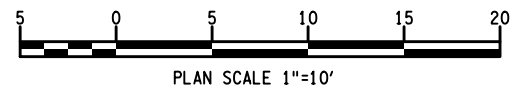
DESIGN SUPERVISOR S. REYNOLDS



ADA CURB RAMP  
EB BRUCKNER BLVD. AND BRYANT AVE.

- NOTES:
1. NO PROPOSED WORK IS SHOWN ON THIS SHEET.
  2. SEE DU-08 ROADWAY PLANS FOR THE PROPOSED CURB, SIDEWALK, AND CURB RAMP PLANS AND DETAILS FOR THE WESTERN SIDE OF THE EB BRUCKNER BLVD. AND BRYANT AVE. INTERSECTION.

T.S. TURNING SPACE AREA



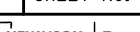


RELEASE FOR CONSTRUCTION

SKANSKA *ETICO* HPA  
JOINT VENTURE

AFFIX SEAL: SHAWN E. REYNOLDS  
ON: 5-21-2021

ALTERED BY:  
ON:

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	DESIGN QUALITY ASSURANCE ENGINEER: HARDESTY & HANOVER 	HUNTS POINT INTERSTATE ACCESS IMPROVEMENT PROJECT		PIN X731.63	BRIDGES	CULVERTS	ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED		CONTRACT NUMBER D900047		
	6/10/2021	CONTRACT 1					CURB RAMP / ADA PLANS		DRAWING NO. CRP-01-07 SHEET NO. 07-030		
	ELANA FREEDMAN, P.E.	DATE									
	THIS DRAWING HAS UNDERGONE REVIEWS AS REQUIRED TO BE RELEASED FOR CONSTRUCTION UNDER RFP PART 3, SECTION 5.8.3 OF THE CONTRACT DOCUMENTS.										
	COUNTY: BRONX	REGION: 11									
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.											
								 NEW YORK STATE OF OPPORTUNITY.		Department of Transportation	

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007-RFC-001-003

PROJECT MANAGER B. STRIZKI

CHECK CG/BM/KW

DRAFTING C. WISNER


CHECK S. REYNOLDS

DESIGN CG/BM/KW

JOB MANAGER CG/BM/KW

DESIGN SUPERVISOR S. REYNOLDS


AFFIX SEAL: SHAWN E. REYNOLDS  
ON: 5-21-2021



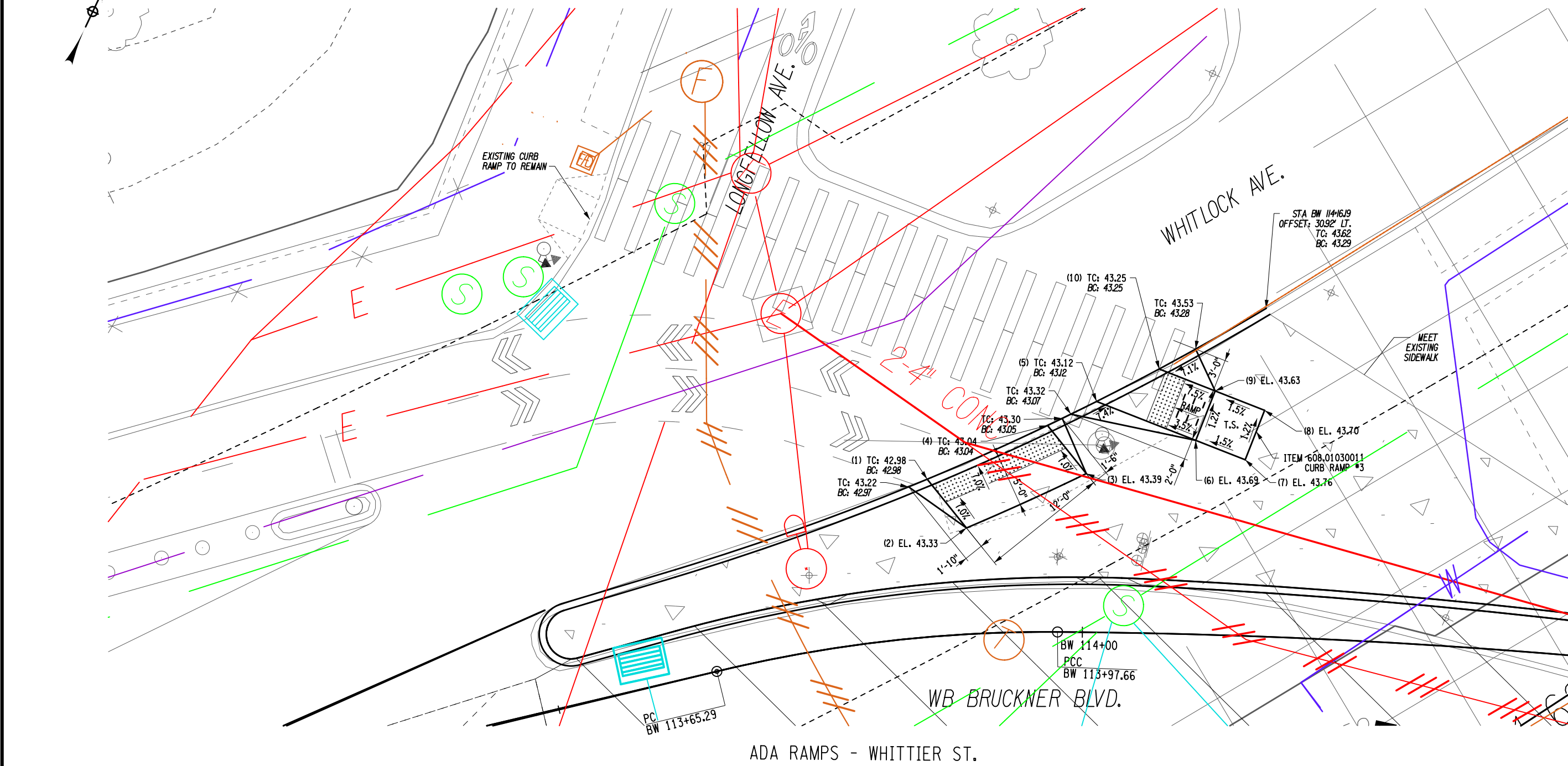
SHAWN E. REYNOLDS  
LICENSED PROFESSIONAL ENGINEER  
100999

ALTERED BY:  
ON:

T.S. TURNING SPACE AREA

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	DESIGN QUALITY ASSURANCE ENGINEER: HARDESTY & HANOVER  6/10/2021	HUNTS POINT INTERSTATE ACCESS IMPROVEMENT PROJECT		PIN X731.63		BRIDGES		CULVERTS		ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED		CONTRACT NUMBER D900047	
	ELANA FREEDMAN, P.E. THIS DRAWING HAS UNDERGONE REVIEWS AS REQUIRED TO BE RELEASED FOR CONSTRUCTION UNDER RFP PART 3, SECTION 5.8.3 OF THE CONTRACT DOCUMENTS.	CONTRACT 1								CURB RAMP / ADA PLANS		DRAWING NO. CRP-02-07	
		COUNTY: BRONX		REGION: 11								SHEET NO. 07-031	

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.



- NOTES:
1. ALL DIMENSIONS ARE APPROXIMATE.
  2. ALL RAMP EXITING THE STREET SHALL BE PLACED AT A MAXIMUM SLOPE OF 7.5%, WITH A CROSS SLOPE NOT TO EXCEED 1.5%.
  3. DETECTABLE WARNINGS SHOWN IN DETAILS ARE ILLUSTRATIVE OF INTENT ONLY. FINAL PLACEMENT AND CONFIGURATION OF DETECTABLE WARNINGS SHALL BE AS DEPICTED ON STANDARD SHEET 608-01 (SHEET 2 OF 9).
  4. RAMP SLOPE REFLECTS SLOPE OF AREA BEHIND DETECTABLE WARNINGS. ALL DETECTABLE WARNINGS SLOPED AT 7.5% UNLESS OTHERWISE NOTED.
  5. TURNING SPACE AREAS ARE 5'-0" BY 5'-0" IN SIZE UNLESS OTHERWISE NOTED.
  6. FOR RAMP LOCATION INFORMATION, SEE DRAWING NO. MST-02-07.

RELEASE FOR CONSTRUCTION

SKANSKA


ETECO

HPA

JOINT VENTURE

CONTRACT NUMBER  
D900047

DRAWING NO. CRP-02-07  
SHEET NO. 07-031



NEW YORK  
STATE OF  
OPPORTUNITY

Department of  
Transportation



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USER = jntpw11-pw-avc

007-RFC-001-003

PROJECT MANAGER B. STRIZKI

CHECK CG/BM/KW

DRAFTING C. WISNER

CHECK S. REYNOLDS


DESIGN CG/BM/KW

JOB MANAGER CG/BM/KW

DESIGN SUPERVISOR S. REYNOLDS

AFFIX SEAL: SHAWN E. REYNOLDS  
ON: 5-21-2021

ALTERED BY:  
ON:



AS-BUILT REVISIONS  
DESCRIPTION OF ALTERATIONS:

DESIGN QUALITY ASSURANCE ENGINEER:  
HARDESTY & HANOVER  
6/10/2021  
ELANA FREEDMAN, P.E.  
DATE  
THIS DRAWING HAS UNDERGONE REVIEWS AS  
REQUIRED TO BE RELEASED FOR  
CONSTRUCTION UNDER RFP PART 3, SECTION  
5.8.3 OF THE CONTRACT DOCUMENTS.

HUNTS POINT INTERSTATE ACCESS IMPROVEMENT PROJECT  
CONTRACT 1  
COUNTY: BRONX  
REGION: 11

PIN X731.63  
BRIDGES  
CULVERTS

ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED  
CURB RAMP / ADA PLANS

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CONTRACT NUMBER  
D900047  
DRAWING NO. CRP-03-07  
SHEET NO. 07-032

SKANSKA ECCC HPA  
JOINT VENTURE

NEW YORK STATE OF OPPORTUNITY  
Department of Transportation

ADA CURB RAMPS  
EB BRUCKNER BLVD. AND WHITTIER AVE.

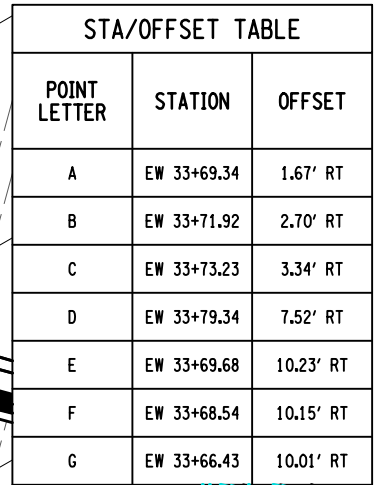
T.S. TURNING SPACE AREA



NOTES:

1. ALL DIMENSIONS ARE APPROXIMATE.
2. ALL RAMPS EXITING THE STREET SHALL BE PLACED AT A MAXIMUM SLOPE OF 7.5%, WITH A CROSS SLOPE NOT TO EXCEED 1.5%.
3. DETECTABLE WARNINGS SHOWN IN DETAILS ARE ILLUSTRATIVE OF INTENT ONLY. FINAL PLACEMENT AND CONFIGURATION OF DETECTABLE WARNINGS SHALL BE AS DEPICTED ON STANDARD SHEET 608-01 (SHEET 2 OF 9).
4. RAMP SLOPE REFLECTS SLOPE OF AREA BEHIND DETECTABLE WARNINGS. ALL DETECTABLE WARNINGS SLOPED AT 7.5% UNLESS OTHERWISE NOTED.
5. TURNING SPACE AREAS ARE 5'-0" BY 5'-0" IN SIZE UNLESS OTHERWISE NOTED.
6. FOR RAMP LOCATION INFORMATION, SEE DRAWING NO. MST-02-07.
7. FOR DRIVEWAY ELEVATIONS AND SLOPES, SEE DRAWING NO. GNP-01-07.

RELEASE FOR CONSTRUCTION



ADA CURB RAMPS  
EDGEWATER RD.

NOTES:

1. ALL DIMENSIONS ARE APPROXIMATE.
2. ALL RAMPS EXITING THE STREET SHALL BE PLACED AT A MAXIMUM SLOPE OF 7.5%, WITH A CROSS SLOPE NOT TO EXCEED 1.5%.
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RELEASE FOR CONSTRUCTION

**SKANSKA** **EC/CO** HPA

JOINT VENTURE

CONTRACT NUMBER  
D900047

DRAWING NO. CRP-04-07  
SHEET NO. 07-033

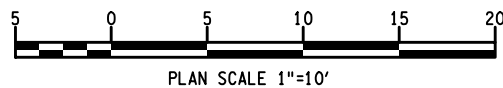


AFFIX SEAL: SHAWN E. REYNOLDS  
ON: 5-21-2021

ALTERED BY:  
ON:

T.S. TURNING SPACE AREA

(X) STA/OFFSET TABLE POINT NUMBER



AS-BUILT REVISIONS  
DESCRIPTION OF ALTERATIONS:

DESIGN QUALITY ASSURANCE ENGINEER:  
HARDESTY & HANOVER

ELANA FREEDMAN, P.E. DATE  
THIS DRAWING HAS UNDERGONE REVIEWS AS  
REQUIRED TO BE RELEASED FOR  
CONSTRUCTION UNDER RFP PART 3, SECTION  
5.8.3 OF THE CONTRACT DOCUMENTS.

HUNTS POINT INTERSTATE ACCESS IMPROVEMENT PROJECT

**CONTRACT 1**

COUNTY: BRONX

PIN	X731.63
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BRIDGES

CULVERTS
----------

ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED

CURB RAMP / ADA PLANS

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Department of  
Transportation



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007-RFC-001-002

PROJECT MANAGER B. STRIZKI

CHECK CG/BM/KW

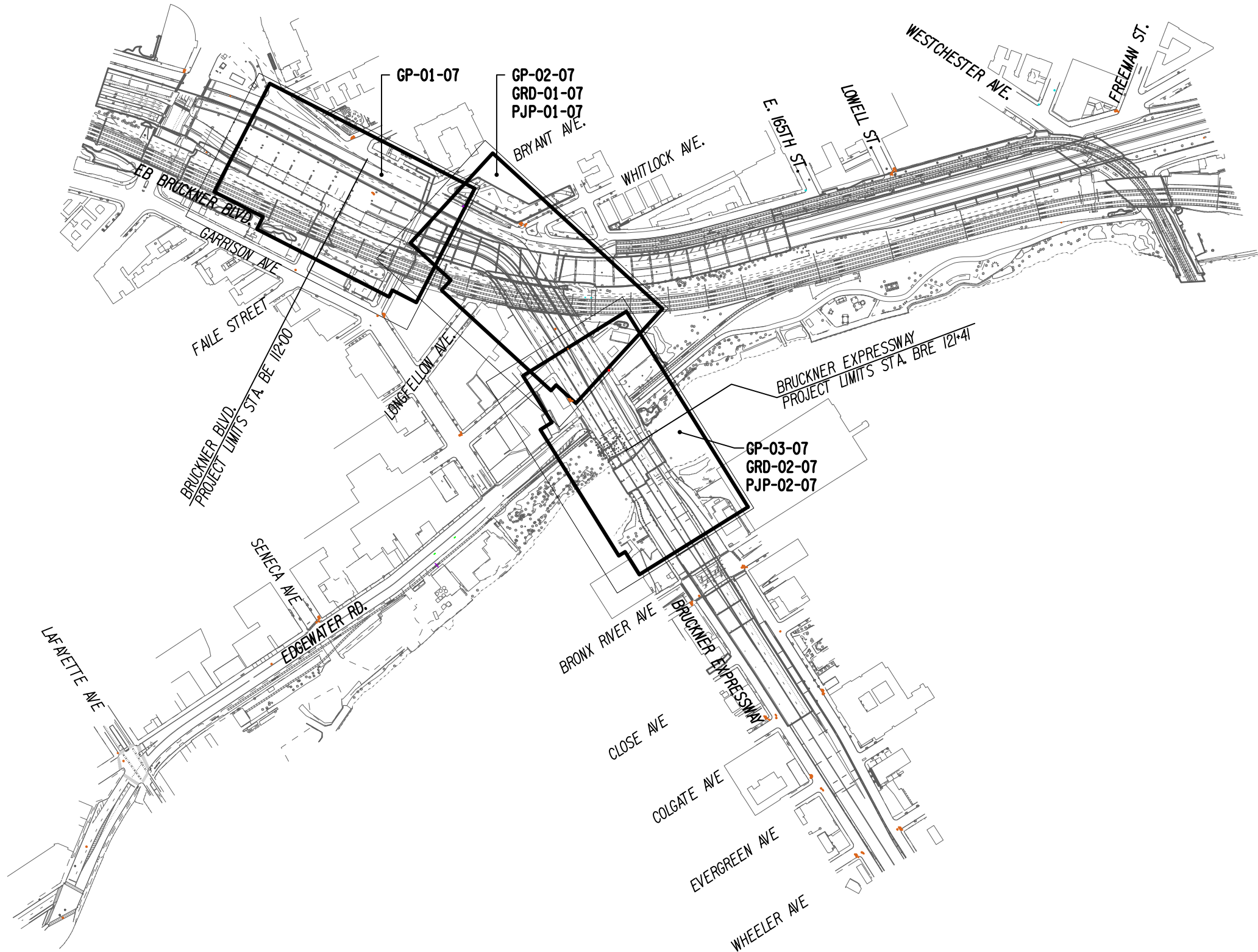
DRAFTING C. WISNER

CHECK S. REYNOLDS

DESIGN CG/BM/KW

JOB MANAGER CG/BM/KW

DESIGN SUPERVISOR S. REYNOLDS



AFFIX SEAL: SHAWN E. REYNOLDS  
ON: 7-31-2020

ALTERED BY:  
ON:



AS-BUILT REVISIONS  
DESCRIPTION OF ALTERATIONS:

DESIGN QUALITY ASSURANCE ENGINEER:  
HARDESTY & HANOVER

9/5/2020

ELANA FREEDMAN, P.E. DATE  
THIS DRAWING HAS UNDERGONE REVIEWS AS  
REQUIRED TO BE RELEASED FOR  
CONSTRUCTION UNDER RFP PART 3, SECTION  
5.8.3 OF THE CONTRACT DOCUMENTS.

HUNTS POINT INTERSTATE ACCESS IMPROVEMENT PROJECT

CONTRACT 1

COUNTY: BRONX

REGION: 11

PIN X731.63

BRIDGES

CULVERTS

ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED

KEY PLAN

CONTRACT NUMBER

D900047

DRAWING NO. KP-01-07

SHEET NO. 07-034

RELEASE FOR CONSTRUCTION

SKANSKA  HPA

JOINT VENTURE

SCALE: NTS



Department of  
Transportation

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TABLE OF SIDEWALK - ITEM 608.01020011		
STATION TO STATION	SIDE	WIDTH
BE 111+50.00 TO BE 112+91.64	RT	VARIABLE
BE 114+67.65 TO BE 116+95.96	RT	VARIABLE
BE 117+34.01 TO BE 119+33.06	RT	14
BE 119+58.68 TO BE 120+91.46	RT	VARIABLE
BW 113+50.45 TO BW 115+81.54	LT	VARIABLE
BW 117+21.94 TO BW 121+63.67	LT	VARIABLE

**NOTE:**

1. MILL AND OVERLAY  
ITEM 402.095103 - 9.5 TOP COURSE HMA, 50 SERIES COMPACTION  
ITEM 402.195903 - 19 F9 BINDER COURSE HMA, 50 SERIES COMPACTION  
ITEM 402.018903 - TRUING AND LEVELING F9, SUPERPAVE HMA, 80 SERIES COMPACTION
2. HMA RECONSTRUCTION  
ITEM 402.098103 - 9.5 TOP COURSE HMA, 80 SERIES COMPACTION  
ITEM 402.198903 - 19 F9 BINDER COURSE HMA, 80 SERIES COMPACTION  
ITEM 402.378903 - 37.5 F9 BASE COURSE HMA, 80 SERIES COMPACTION  
ITEM 304.11 - SUBBASE COURSE, TYPE 1
3. PCC RECONSTRUCTION  
ITEM 502.0210 - PCC PAVEMENT, UNREINFORCED, PERFORMANCE, TYPE 1, EPOXY COATED  
ITEM 304.11 - SUBBASE COURSE, TYPE 1
4. SLAB SUPPORTED BARRIER AND BIFURCATED BARRIER TO BE CONSTRUCTED  
ALONG THE STATION RANGES SHOWN. SEE MSD-03-07 FOR SLAB SUPPORTED BARRIER  
CONSTRUCTION DETAILS AND MSD-04-07 FOR BIFURCATED BARRIER CONSTRUCTION DETAILS.
5. TRANSITION FROM SINGLE SLOPE CONCRETE MEDIAN BARRIER TO CURB.  
SEE NYSDOT STANDARD SHEET 606-15.
6. STATIONS SHOWN WHERE COLUMNS OBSTRUCT PROPOSED CONCRETE BARRIER.  
SEE MSD-06-07 FOR STEEL PLATE CONSTRUCTION DETAILS.

PAVEMENT RECONSTRUCTION TABLE		
TREATMENT	STATION TO STATION	SIDE
MILL AND OVERLAY	BE 111+00.00 TO BE 111+50.00	LT
HMA RECONSTRUCTION	BE 111+50.00 TO BE 113+58.24	LT
PCC RECONSTRUCTION	BE 114+94.66 TO BE 120+26.03	LT
MILL AND OVERLAY	BRE 111+50.00 TO BRE 112+00.00	RT
HMA RECONSTRUCTION	BRE 112+00.00 TO BRE 114+54.44	RT
PCC RECONSTRUCTION	BRE 115+83.58 TO BRE 121+25.26	RT
MILL AND OVERLAY	BRW 111+73.69 TO BRW 112+23.92	LT
HMA RECONSTRUCTION	BRW 112+23.92 TO BRW 114+93.59	LT
PCC RECONSTRUCTION	BRW 116+23.11 TO BRW 121+02.35	LT
MILL AND OVERLAY	BW 113+00.36 TO BW 113+48.45	RT
HMA RECONSTRUCTION	BW 113+48.45 TO BW 115+76.09	RT
PCC RECONSTRUCTION	BW 117+03.34 TO BW 121+47.57	RT

TABLE OF CURBING - ITEM 609.26020111	
STATION TO STATION	SIDE
BE 111+50.00 TO BE 112+17.81	RT
BE 114+78.30 TO BE 116+96.54	RT
BE 117+33.83 TO BE 119+33.78	RT
BE 119+58.07 TO BE 120+91.46*	RT
BE 120+76.48 TO BE 120+90.98	LT
BE 120+92.00 TO BE 121+20.65	LT
BW 113+49.78 TO BW 114+16.19	LT (WHITLOCK)
BW 113+49.78 TO BW 115+71.79	LT
BW 117+50.00 TO BW 121+63.67	CL
BW 121+64.00 TO BW 121+92.00	RT

\*CURB HEIGHT VARIES TO MEET EXISTING FROM STA. BE 120+31.64 TO BE 120+91.46.

TABLE OF BARRIER AND GUIDE RAILING		
ITEM	STATION TO STATION	SIDE
606.2701	BE 111+50.00 TO BE 111+99.69	RT
606.3011	BRE 112+00.00 TO BRE 114+95.36	RT
	BRW 112+23.93 TO BRW 114+79.85	RT
606.30330008 (NOTE 4)	BRE 115+82.48 TO BRE 119+00.00	RT
	BRE 119+00.00 TO BRE 121+05.00	RT
	BRW 116+55.58 TO BRW 117+71.00	LT
606.3041	BW 118+82.38 TO BW 121+17.49	RT
	BRE 116+16.76 TO BRE 121+40.93	LT
	BRW 116+21.39 TO BRW 121+18.47	RT
	BE 112+17.81 TO BE 112+77.20	LT
606.3061	BE 112+77.20 TO BE 112+91.76	LT
	BW 116+94.91 TO BW 117+30.00	LT
606.8906	BE 111+99.69 TO BE 112+37.84	LT
619.1701	BRW 115+13.56 TO BRW 116+83.88	LT
619.1703	BE 111+50.00 TO BE 113+47.02	LT
	BRE 112+00.00 TO BRE 115+03.56	LT/RT
	BRW 112+23.92 TO BRW 115+13.56	LT
	BW 114+49.29 TO BW 115+51.95	RT
NOTE 5	BRE 121+05.00 TO BRE 121+25.00	RT
	BW 117+30.00 TO BW 117+50.00	LT
NOTE 6	BRW 112+56.50	RT
	BRW 114+29.50	RT
	BRE 112+63.22	RT
	BRE 113+54.76	RT

TABLE OF UNDERDRAIN - ITEM 605.1502	
STATION TO STATION	SIDE
BRE 115+88.00 TO BRE 121+24.91	RT
BRW 118+36.28 TO BRW 120+72.25	LT
BRW 116+24.91 TO BRW 121+02.35	RT

TABLE OF BOLLARDS - ITEM 618.10015039		
STATION TO STATION	SIDE	SPACING
BW 120+53.62 TO BW 121+17.73	LT	9 @ 8 FT

TABLE OF DELINEATORS - ITEM 646.22		
STATION TO STATION	SIDE	SPACING
BW 121+47.04 TO BW 121+59.01	RT	4 @ 4 FT

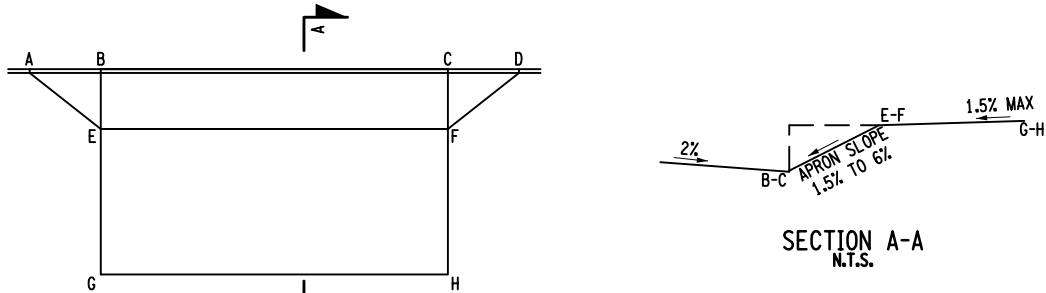
TABLE OF FENCING		
ITEM	STATION TO STATION	SIDE
607.3203	BE 114+65.93 TO BE 114+88.30	RT
	BW 120+38.55 TO BW 120+72.65	LT
607.91120001	BW 117+28.86 TO BW 117+55.01	LT
607.03080039	BW 117+27.03	LT
607.05080039	BW 117+14.00 TO BW 117+29.00	LT
607.051701	BE 119+89.80 TO BE 120+06.70	RT
607.95020111*	BW 119+74.21 TO 120+38.55	LT
607.95040111*	BW 120+12.61	LT

SEE DU-08 FOR STEEL PICKET FENCE DETAILS.

TABLE OF IMPACT ATTENUATORS				
ITEM	STATION TO STATION	SIDE	TYPE	DESIGN SPEED
654.0101-654.0105*	BRW 116+86.06 TO BRW 117+23.06	LT	PERMANENT - TRAFFIX DEVICES SAND BARRELS	60
654.5030	BRW 117+71.00 TO BRW 117+95.56	LT	PERMANENT - QUADGUARD M10 (TL3)	60
654.5030	BRW 120+72.25 TO BRW 120+96.76	LT	PERMANENT - QUADGUARD M10 (TL3)	60


\*SEE MANUFACTURERS DETAILS FOR INERTIAL BARRIER MODULE ARRAY




TABLE OF DRIVEWAYS - ITEM 608.01030011																																			
LOCATION		MATERIAL	CLASS	CORNER ANGLE IN	ENTRANCE TYPE	WIDTH	PL	A				B				C				D				E			F			G			H		
STATION	SIDE							STATION	OFF	BC	TC	STATION	OFF	BC	TC	STATION	OFF	BC	TC	STATION	OFF	BC	TC	STATION	OFF	ELEV	STATION	OFF	ELEV	STATION	OFF	ELEV	STATION	OFF	ELEV
BE 116+27.39	RT	CONC	--	90	5	27.2	15.7	BE 116+11.27	0.00	41.54	42.12	BE 116+13.77	0.00	41.45	41.58	BE 116+41.01	0.00	40.69	40.82	BE 116+43.51	0.00	40.63	41.21	BE 116+13.77	8.00	41.85	BE 116+41.01	8.00	41.26	BE 116+13.77	16.08	41.97	BE 116+41.01	16.29	41.38
BE 117+63.28	RT	CONC		90	5	26.0	14.7	BE 117+47.76	0.00	38.51	39.09	BE 117+50.26	0.00	38.46	39.04	BE 117+76.31	0.00	37.87	38.45	BE 117+78.81	0.00	37.80	38.38	BE 117+50.26	5.00	38.77	BE 117+76.31	5.00	38.47	BE 117+50.26	16.07	38.83	BE 117+76.31	16.00	38.63
BE 118+12.87	RT	CONC		90	5	27.0	14.7	BE 117+96.86	0.00	37.32	37.90	BE 117+99.36	0.00	37.25	37.38	BE 118+26.38	0.00	36.41	36.54	BE 118+28.88	0.00	36.33	36.91	BE 117+99.36	5.00	37.43	BE 118+26.38	5.00	36.84	BE 117+99.36	15.81	37.67	BE 118+26.38	16.00	37.00
BE 118+68.96	RT	CONC		90	5	27.7	14.7	BE 118+52.62	0.00	35.48	36.06	BE 118+55.12	0.00	35.39	35.52	BE 118+82.80	0.00	34.55	34.68	BE 118+85.30	0.00	34.59	35.17	BE 118+51.2	7.00	35.75	BE 118+82.80	7.00	35.09	BE 118+55.12	16.05	35.88	BE 118+82.80	16.06	35.23
BW 117+85.95	LT	CONC		90	5	61.8	11.2	BW 118+19.40	0.00	39.49	40.07	BW 118+16.90	0.00	39.54	39.67	BW 117+55.00	0.00	41.12	41.25	-	-	-	-	BW 118+16.90	-5.00	39.96	BW 117+55.00	-5.00	41.27	BW 118+16.90	-15.18	40.11	BW 117+55.00	-13.42	41.39
BW 118+44.03	LT	CONC		90	5	28.4	15.5	BW 118+54.17	0.00	38.52	39.10	BW 118+51.67	0.00	38.72	38.85	BW 118+31.96	0.00	39.19	39.32	BW 118+29.46	0.00	39.25	39.83	BW 118+51.67	-6.00	38.91	BW 118+31.96	-6.00	39.52	BW 118+51.67	-16.75	39.07	BW 118+31.96	-16.39	39.68
BW 119+53.14	LT	CONC		90	5	27.1	18.8	BW 119+69.31	0.00	34.95	35.53	BW 119+66.82	0.00	35.02	35.15	BW 119+39.67	0.00	35.85	35.98	BW 119+37.16	0.00	35.93	36.51	BW 119+66.82	-6.00	35.39	BW 119+39.67	-6.00	36.22	BW 119+66.82	-19.51	35.59	BW 119+39.67	-18.17	36.40



SECTION A-A  
N.T.S.

## DRIVEWAY DETAIL

AFFIX SEAL: SHAWN E. REYNOLDS ON: 6-8-2021	ALTERED BY: ON:
	

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	DESIGN QUALITY ASSURANCE ENGINEER: HARDESTY & HANOVER 	HUNTS POINT INTERSTATE ACCESS IMPROVEMENT PROJECT CONTRACT 1	PIN X731.63	BRIDGES	CULVERTS	ALL DIMENSIONS IN ft UNLESS OTHERWISE NOTED ROADWAY PLAN ITEMS	CONTRACT NUMBER D900047	
	ELANA FREEDMAN, P.E. DATE THIS DRAWING HAS UNDERGONE REVIEWS AS REQUIRED TO BE RELEASED FOR CONSTRUCTION UNDER RFP PART 3, SECTION 5.8.3 OF THE CONTRACT DOCUMENTS.	COUNTY: BRONX REGION: 11					DRAWING NO. GNP-01-07 SHEET NO. 07-035	
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.								Department of Transportation

FILE NAME = D:\73163\_CPHL\_GNP\_101.dgn  
DATE/TIME = 21-May-2021 00:26  
USER = jntpw11-pw-avc

007-RFC-001-003

PROJECT MANAGER B. STRIZKI

CHECK CG/BM/KW

DRAFTING C. WISNER

CHECK S. REYNOLDS

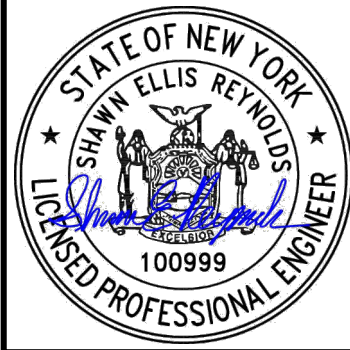
DESIGN CG/BM/KW

JOB MANAGER CG/BM/KW

DESIGN SUPERVISOR S. REYNOLDS

AFFIX SEAL: SHAWN E. REYNOLDS  
ON: 5-21-2021

ALTERED BY:  
ON:



#### NOTES

1. PROPOSED STRIPING SHOWN FOR CLARITY, FOR LAYOUT AND DETAILS OF THE PAVEMENT MARKINGS, SEE DU 009, FOR PAVEMENT MARKING PLANS.
2. PROPOSED ROADWAY WORK ALONG BRYANT AVE. WILL BE INCLUDED IN DU 008.

AS-BUILT REVISIONS  
DESCRIPTION OF ALTERATIONS:

DESIGN QUALITY ASSURANCE ENGINEER:  
HARDESTY & HANOVER  
DATE: 6/10/2021  
ELANA FREEDMAN, P.E.  
THIS DRAWING HAS UNDERGONE REVIEWS AS  
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CONSTRUCTION UNDER RFP PART 3, SECTION  
5.8.3 OF THE CONTRACT DOCUMENTS.

HUNTS POINT INTERSTATE ACCESS IMPROVEMENT PROJECT  
CONTRACT 1

COUNTY: BRONX

REGION: 11

PIN X731.63

BRIDGES

CULVERTS

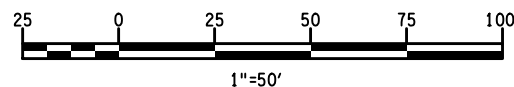
ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED

GENERAL PLAN

CONTRACT NUMBER  
D900047

DRAWING NO. GP-01-07  
SHEET NO. 07-036

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#### LEGEND:

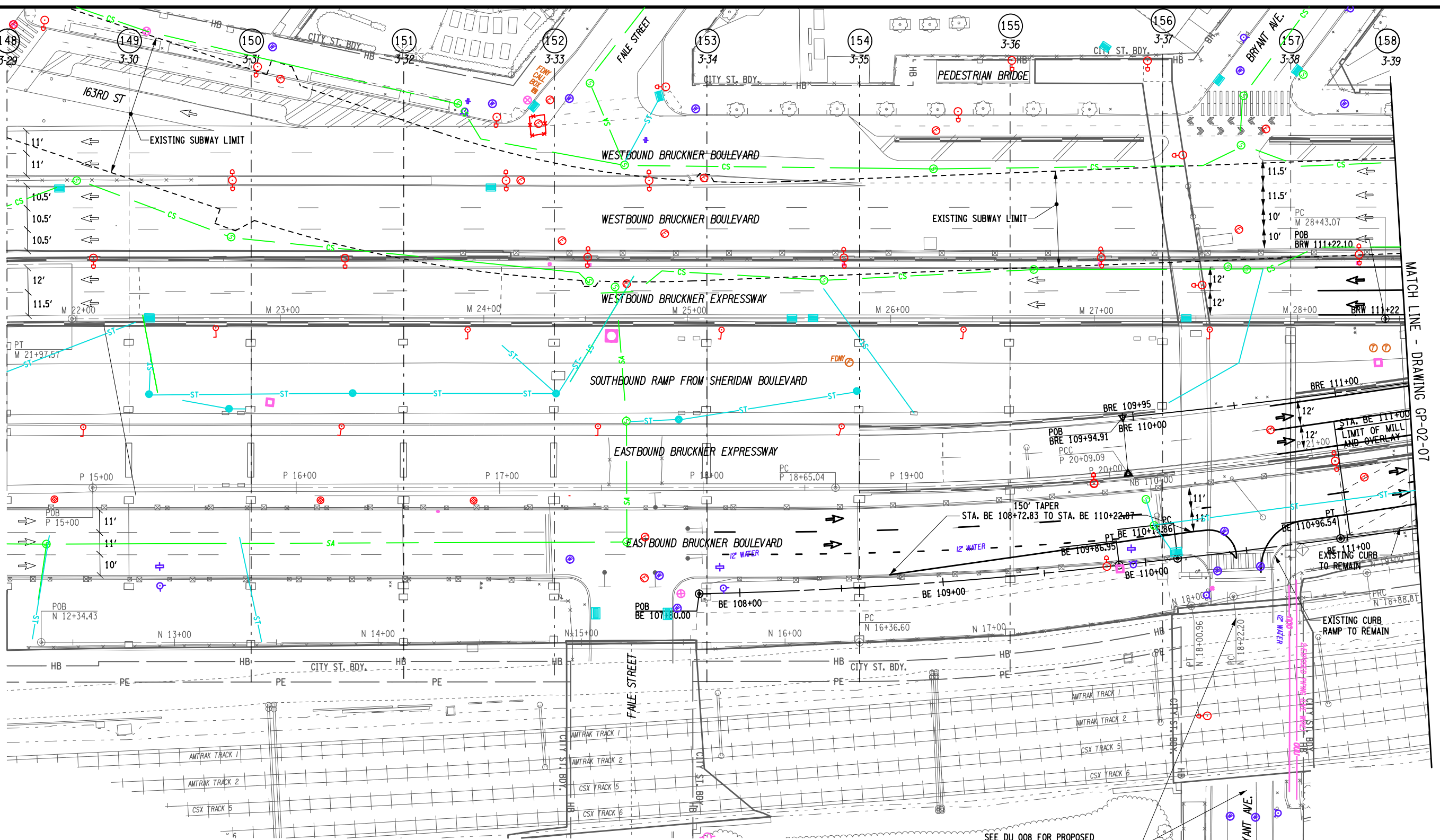
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- 2-1 - OLD BENT NUMBER
- [Symbol] - PROPOSED MILL AND OVERLAY

SKANSKA **ECDC** HPA  
JOINT VENTURE



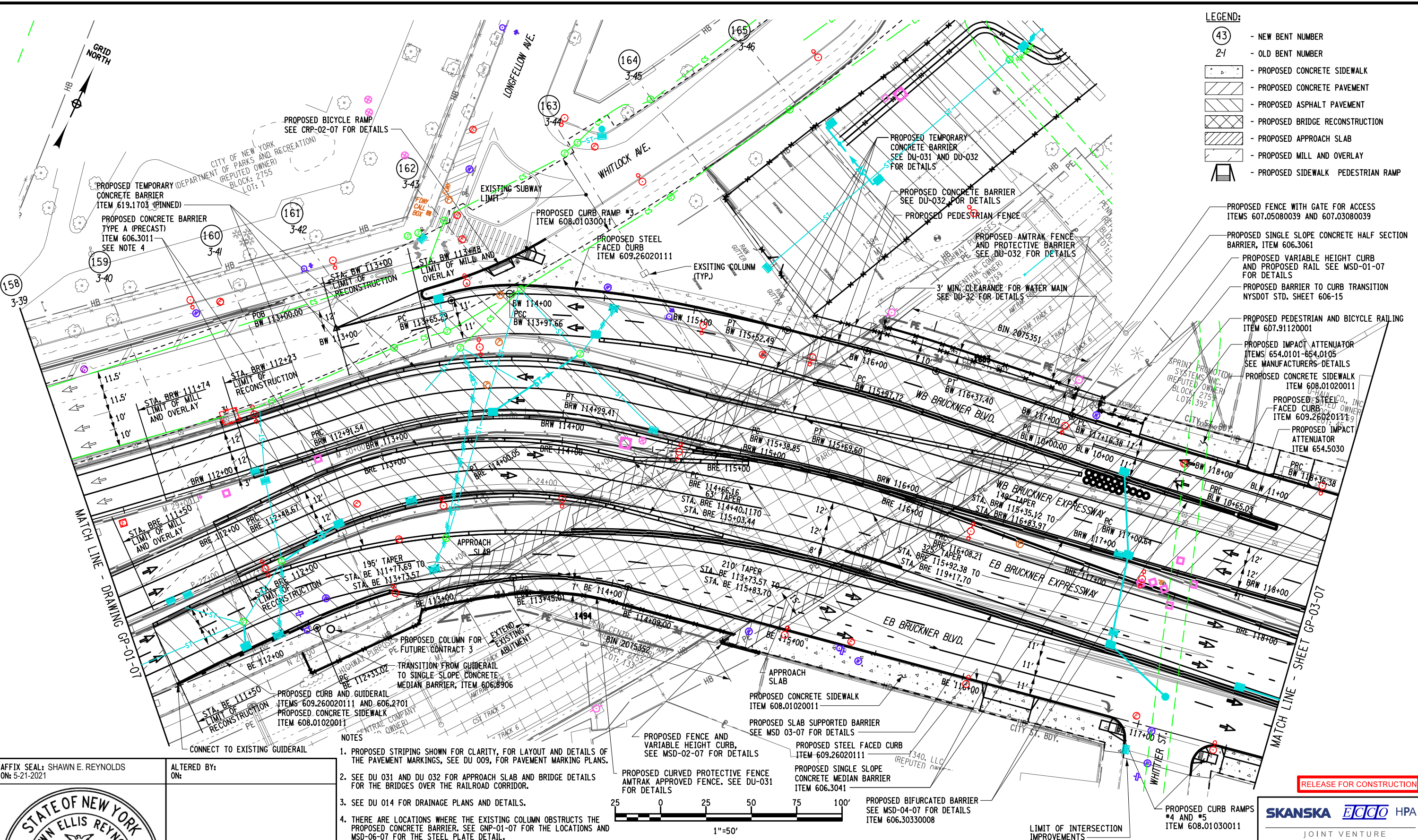
Department of  
Transportation

RELEASE FOR CONSTRUCTION



MATCH LINE - DRAWING GP-02-07





AFFIX SEAL: SHAWN E. REYNOLDS  
ON: 5-21-2021

ALTERED BY:  
ON:



- NOTES
1. PROPOSED STRIPING SHOWN FOR CLARITY, FOR LAYOUT AND DETAILS OF THE PAVEMENT MARKINGS, SEE DU 009, FOR PAVEMENT MARKING PLANS.
  2. SEE DU 031 AND DU 032 FOR APPROACH SLAB AND BRIDGE DETAILS FOR THE BRIDGES OVER THE RAILROAD CORRIDOR.
  3. SEE DU 014 FOR DRAINAGE PLANS AND DETAILS.
  4. THERE ARE LOCATIONS WHERE THE EXISTING COLUMN OBSTRUCTS THE PROPOSED CONCRETE BARRIER, SEE GNP-01-07 FOR THE LOCATIONS AND MSD-06-07 FOR THE STEEL PLATE DETAIL.

AS-BUILT REVISIONS  
DESCRIPTION OF ALTERATIONS:

DESIGN QUALITY ASSURANCE ENGINEER:  
HARDESTY & HANOVER  
6/10/2021  
ELANA FREEDMAN, P.E. DATE  
THIS DRAWING HAS UNDERGONE REVIEWS AS  
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CONSTRUCTION UNDER RFP PART 3, SECTION  
5.8.3 OF THE CONTRACT DOCUMENTS.

HUNTS POINT INTERSTATE ACCESS IMPROVEMENT PROJECT  
CONTRACT 1  
COUNTY: BRONX REGION: 11

PIN X731.63

BRIDGES

CULVERTS

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GENERAL PLAN

CONTRACT NUMBER  
D900047

DRAWING NO. GP-02-07  
SHEET NO. 07-037

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Department of  
Transportation

RELEASE FOR CONSTRUCTION

SKANSKA ECCC HPA  
JOINT VENTURE



FILE NAME = DUT\_X73163.CPH\_GNP\_103.dgn  
DATE/TIME = 12-MAY-2021 11:36  
USER = jmtplw1-pw-avc

007-RFC-001-003

PROJECT MANAGER B. STRIZKI

CHECK CG/BM/KW

DRAFTING C. WISNER

CHECK S. REYNOLDS

DESIGN CG/BM/KW

JOB MANAGER CG/BM/KW

DESIGN SUPERVISOR S. REYNOLDS

AFFIX SEAL: SHAWN E. REYNOLDS  
ON: 5-21-2021

ALTERED BY:  
ON:



AS-BUILT REVISIONS  
DESCRIPTION OF ALTERATIONS:

DESIGN QUALITY ASSURANCE ENGINEER:  
HARDESTY & HANOVER  
DATE: 6/10/2021  
ELANA FREEDMAN, P.E.  
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HUNTS POINT INTERSTATE ACCESS IMPROVEMENT PROJECT

CONTRACT 1

COUNTY: BRONX

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PIN X731.63

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GENERAL PLAN

CONTRACT NUMBER

D900047

DRAWING NO. GP-03-07

SHEET NO. 07-038

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Department of  
Transportation

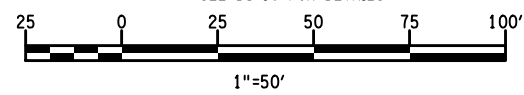
SKANSKA **ETECO** HPA  
JOINT VENTURE

RELEASE FOR CONSTRUCTION

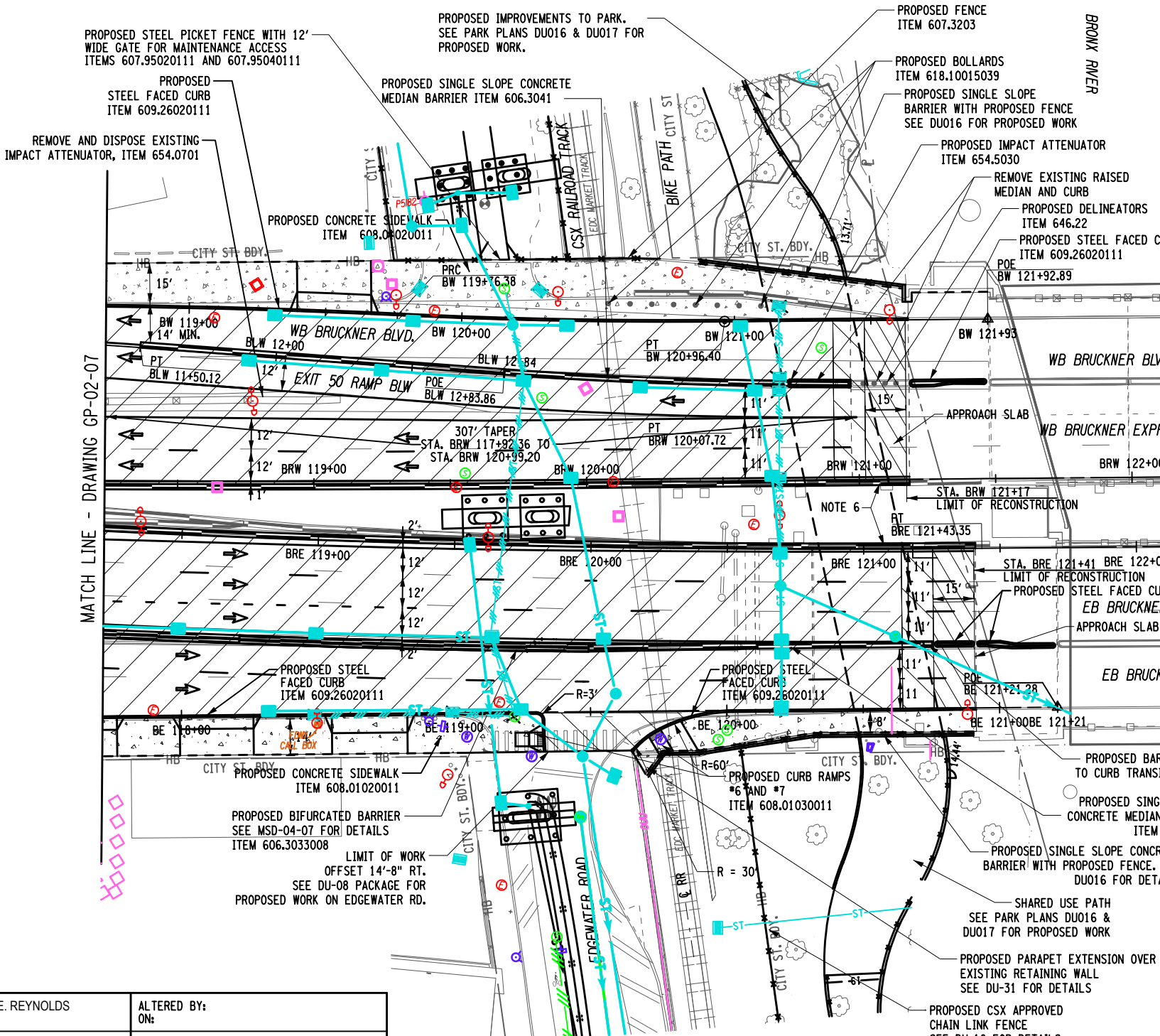
- NOTES
1. PROPOSED STRIPING SHOWN FOR CLARITY, FOR LAYOUT AND DETAILS OF THE PAVEMENT MARKINGS, SEE DU 009, FOR PAVEMENT MARKING PLANS.
  2. SEE DU 028 FOR RAMP ES FOUNDATIONS.
  3. SEE DU 016 FOR APPROACH SLAB DETAILS FOR WESTERN APPROACH TO BASCULE BRIDGE.
  4. SEE DU 008 FOR PROPOSED ROADWAY WORK ALONG BRUCKNER EXPWY/BLVD (NOT OVER RR) EAST APPROACH BASCULE TO EASTERN LIMITS AND EDGEWATER ROAD.
  5. SEE DU 014 FOR DRAINAGE PLANS AND DETAILS.
  6. SEE MSD-04-07 FOR DETAILS ON THE TRANSITION FROM SINGLE SLOPE CONCRETE MEDIAN BARRIER TO BASCULE BRIDGE BARRIER

LEGEND:

- PROPOSED CONCRETE SIDEWALK
- PROPOSED CONCRETE PAVEMENT
- PROPOSED APPROACH SLAB
- PROPOSED SIDEWALK PEDESTRIAN RAMP



MATCH LINE - DRAWING GP-02-07





FILE NAME = DUT\_X73163\_CPH\_SPC\_GRD\_001.dgn  
DATE/TIME = 01-DEC-2020 21:27  
USER = jmtplw1-pw-avc

007-RFC-001-003

PROJECT MANAGER

CHECK CG/BM/KW

DRAFTING C. WISNER

CHECK S. REYNOLDS

DESIGN CG/BM/KW

JOB MANAGER CG/BM/KW

DESIGN SUPERVISOR S. REYNOLDS

AFFIX SEAL: SHAWN E. REYNOLDS  
ON: 11-30-2020

ALTERED BY:  
ON:



AS-BUILT REVISIONS  
DESCRIPTION OF ALTERATIONS:

DESIGN QUALITY ASSURANCE ENGINEER:  
HARDESTY & HANOVER

6/10/2021

ELANA FREEDMAN, P.E. DATE  
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HUNTS POINT INTERSTATE ACCESS IMPROVEMENT PROJECT

CONTRACT 1

COUNTY: BRONX

REGION: 11

PIN X731.63

BRIDGES

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GRADING PLAN

CONTRACT NUMBER  
D900047

DRAWING NO. GRD-01-07  
SHEET NO. 07-039

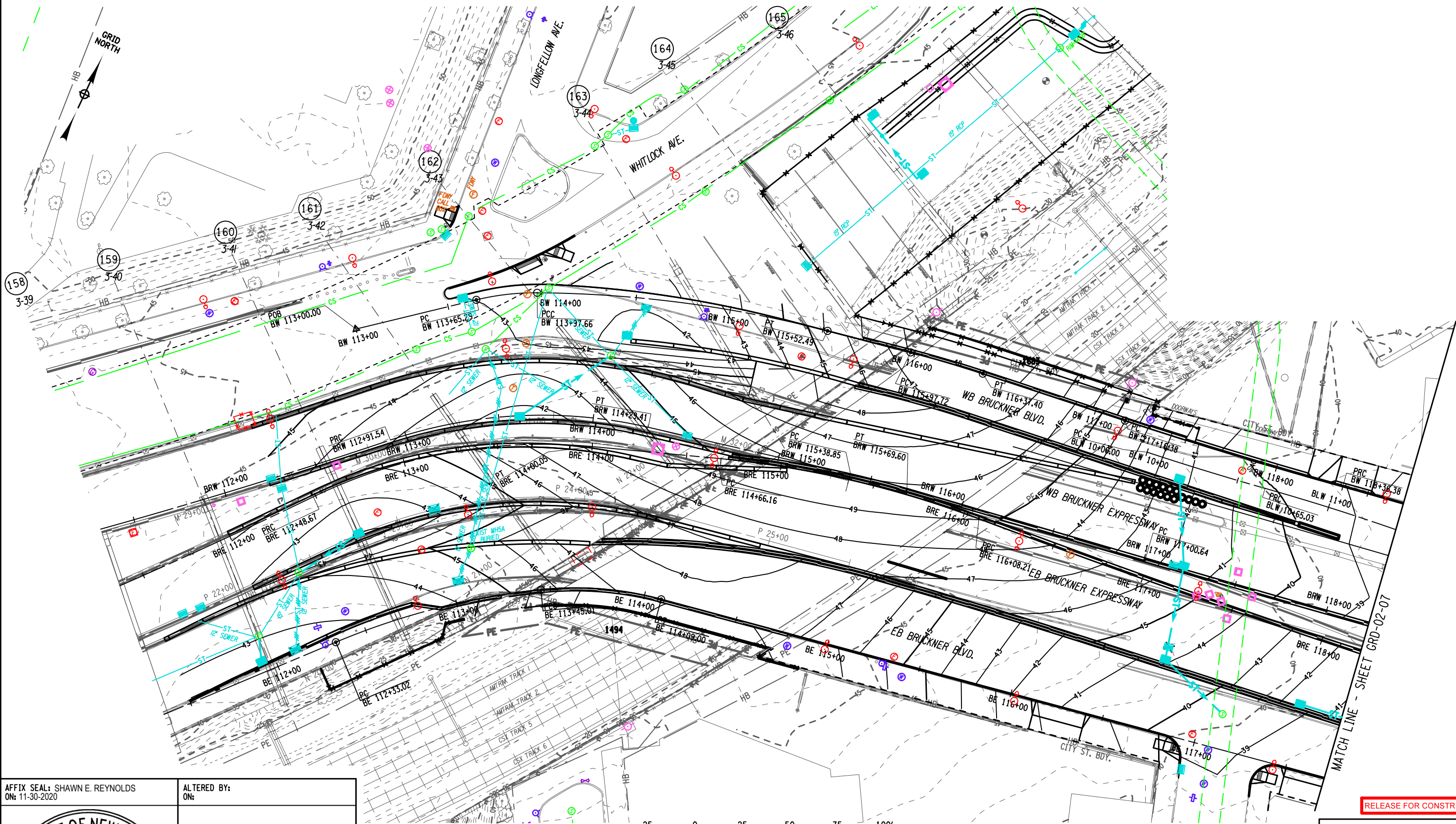
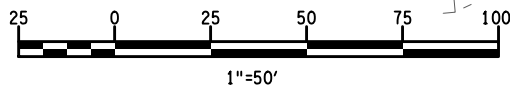
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Department of  
Transportation

SKANSKA **ECDC** HPA  
JOINT VENTURE

RELEASE FOR CONSTRUCTION





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007-RFC-001-003

PROJECT MANAGER B. STRIZKI

CHECK CG/BM/KW

DRAFTING C. WISNER

CHECK S. REYNOLDS

DESIGN CG/BM/KW

JOB MANAGER CG/BM/KW

DESIGN SUPERVISOR S. REYNOLDS

AFFIX SEAL: SHAWN E. REYNOLDS  
ON: 11-30-2020

ALTERED BY:  
ON:



AS-BUILT REVISIONS  
DESCRIPTION OF ALTERATIONS:

DESIGN QUALITY ASSURANCE ENGINEER:  
HARDESTY & HANOVER  
DATE: 6/10/2021  
ELANA FREEDMAN, P.E.  
THIS DRAWING HAS UNDERGONE REVIEWS AS  
REQUIRED TO BE RELEASED FOR  
CONSTRUCTION UNDER RFP PART 3, SECTION  
5.8.3 OF THE CONTRACT DOCUMENTS.

HUNTS POINT INTERSTATE ACCESS IMPROVEMENT PROJECT

CONTRACT 1

COUNTY: BRONX

REGION: 11

PIN X731.63

BRIDGES

CULVERTS

ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED

GRADING PLAN

CONTRACT NUMBER  
D900047

DRAWING NO. GRD-02-07  
SHEET NO. 07-040

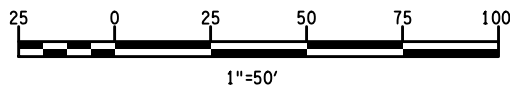
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.



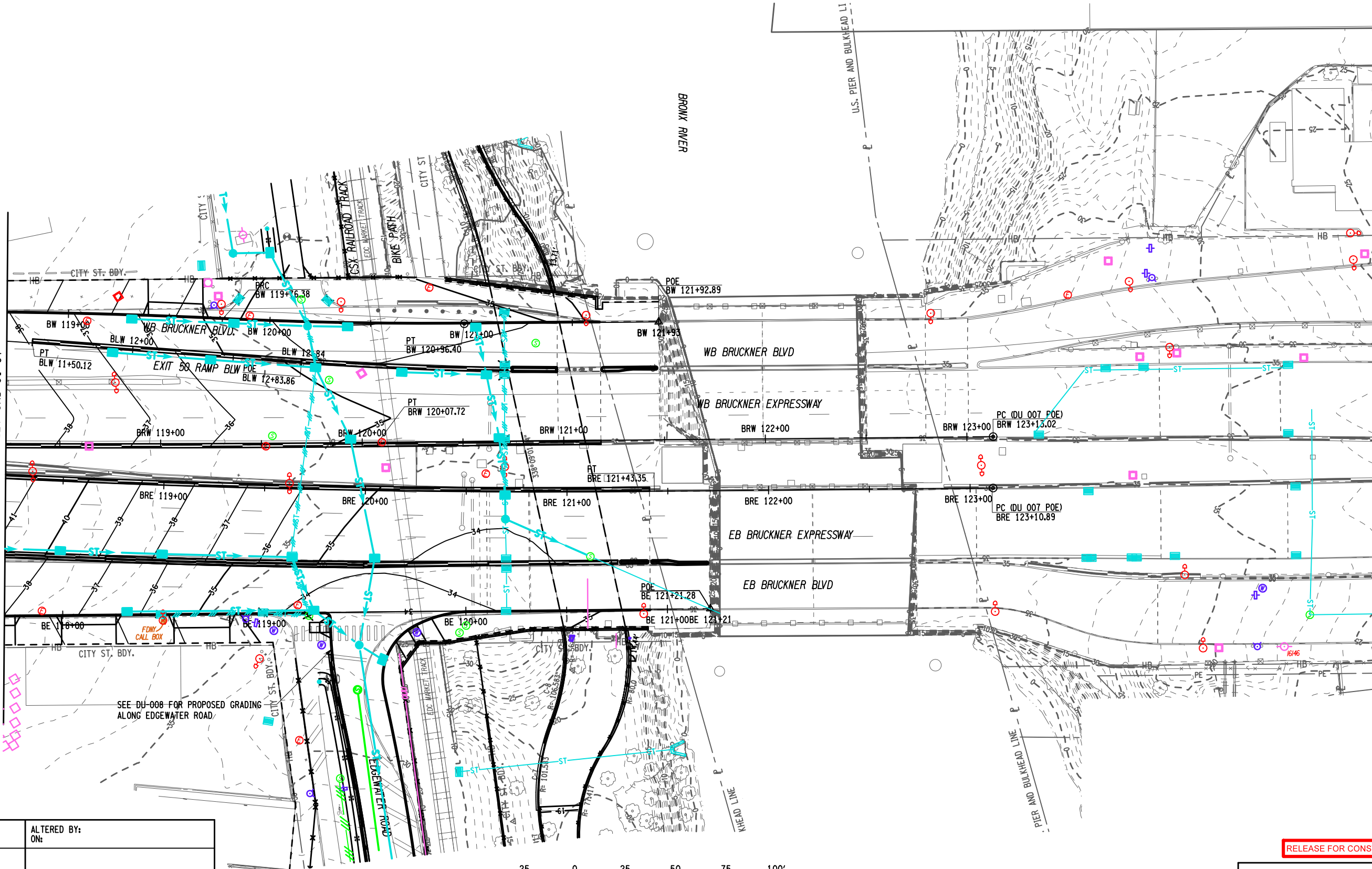
Department of  
Transportation

RELEASE FOR CONSTRUCTION

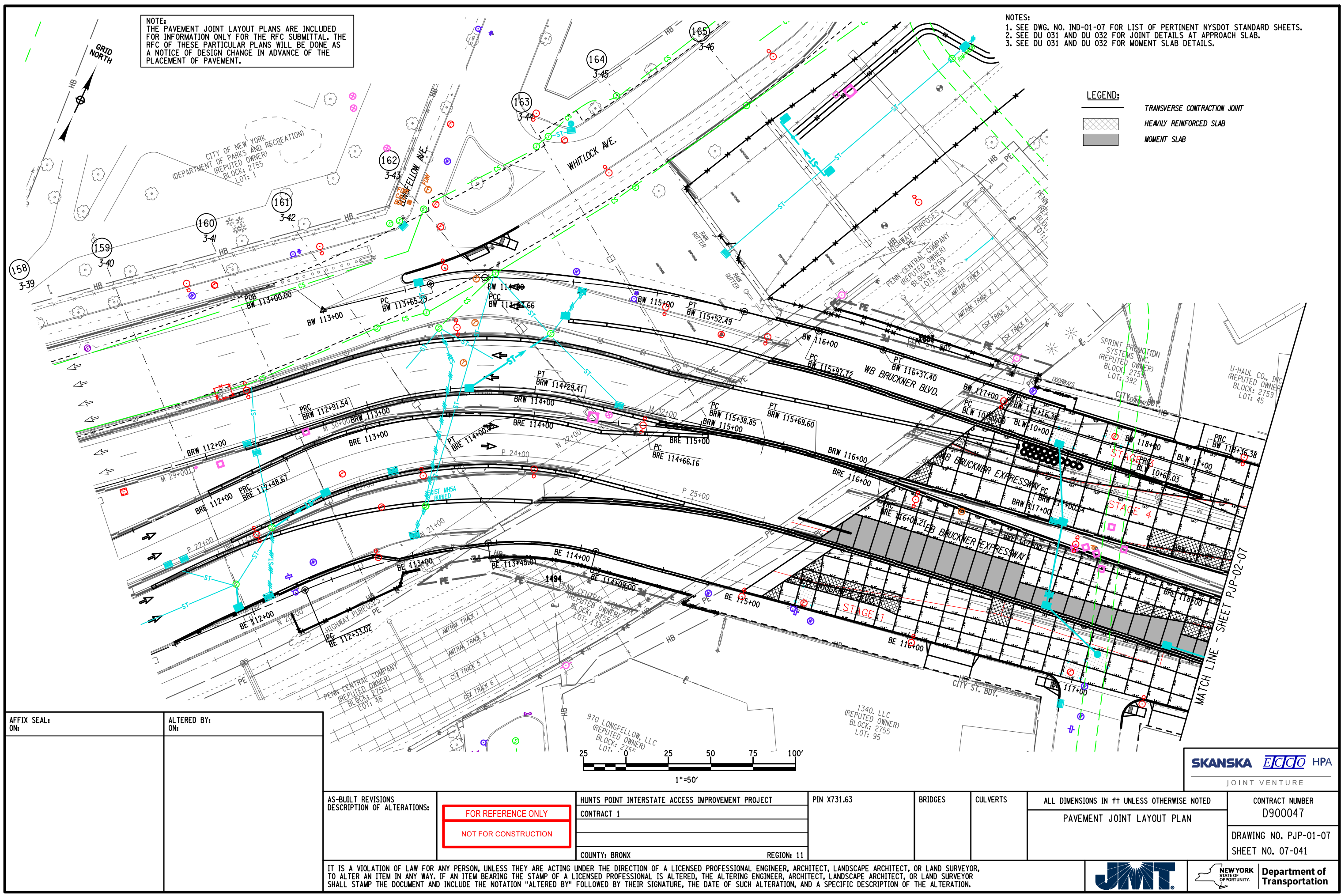
SKANSKA **ETECO** HPA  
JOINT VENTURE



MATCH LINE - SHEET GRD-01-07



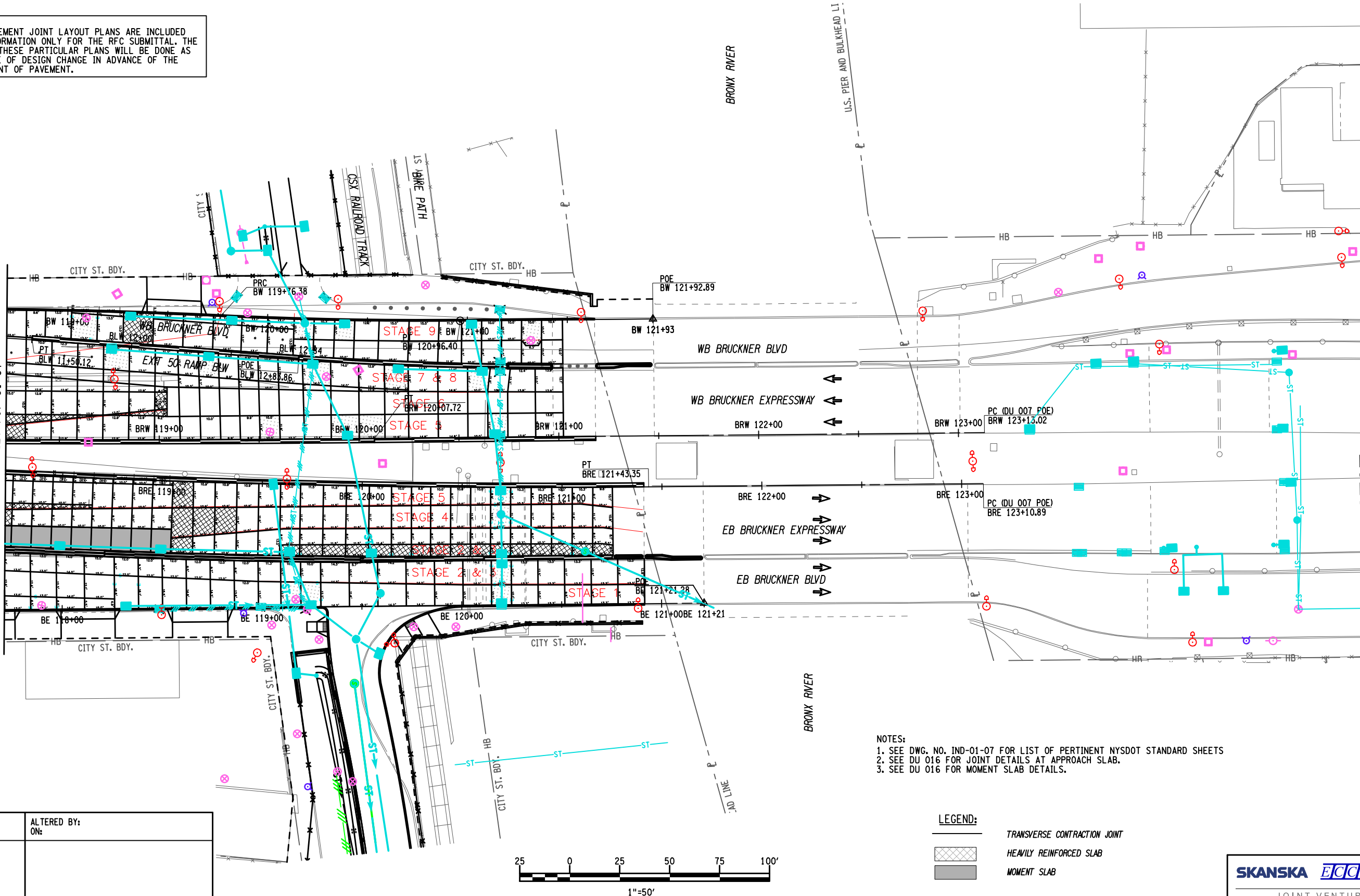






NOTE:  
THE PAVEMENT JOINT LAYOUT PLANS ARE INCLUDED  
FOR INFORMATION ONLY FOR THE RFC SUBMITTAL. THE  
RFC OF THESE PARTICULAR PLANS WILL BE DONE AS  
A NOTICE OF DESIGN CHANGE IN ADVANCE OF THE  
PLACEMENT OF PAVEMENT.

MATCH LINE - SHEET PJP-01-07



- NOTES:
1. SEE DWG. NO. IND-01-07 FOR LIST OF PERTINENT NYSDOT STANDARD SHEETS
  2. SEE DU 016 FOR JOINT DETAILS AT APPROACH SLAB.
  3. SEE DU 016 FOR MOMENT SLAB DETAILS.

- LEGEND:
- TRANSVERSE CONTRACTION JOINT
  - HEAVILY REINFORCED SLAB
  - MOMENT SLAB

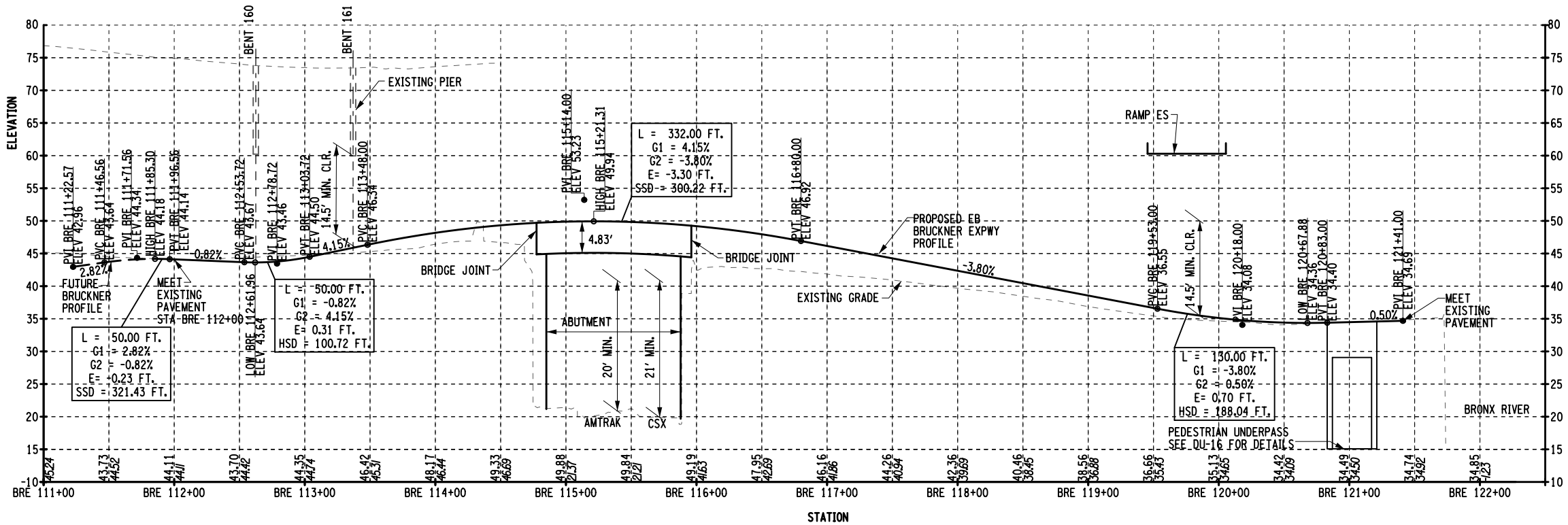


AFFIX SEAL: ON:	ALTERED BY: ON:

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	<div>FOR REFERENCE ONLY</div> <div>NOT FOR CONSTRUCTION</div>	HUNTS POINT INTERSTATE ACCESS IMPROVEMENT PROJECT			
		CONTRACT 1			
		COUNTY: BRONX		REGION: 11	
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SUPERELEVATION R = 2972.1667' (LEFT) R = 278.3430' (RIGHT) R = 534.1667' (RIGHT)

-4.00%  
+0.00%  
-4.00%  
+11.06  
-4.00%  
+64.79  
-6.00%

L1 & L2  
-6.00%

+20.00  
-6.00%

+64.00  
-2.00%

L1 & L2  
-2.00%

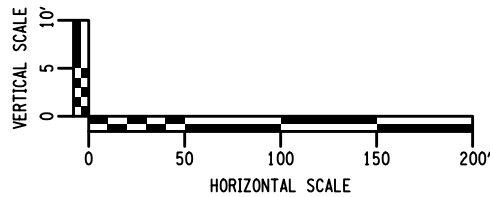
+69.00  
-2.00%

+41.00  
0.00%

EASTBOUND BRUCKNER EXPWY

AFFIX SEAL: SHAWN E. REYNOLDS  
ON: 11-30-2020

ALTERED BY:  
ON:



AS-BUILT REVISIONS  
DESCRIPTION OF ALTERATIONS:

DESIGN QUALITY ASSURANCE ENGINEER:  
HARDESTY & HANOVER  
DATE: 6/10/2021  
ELANA FREEDMAN, P.E.  
THIS DRAWING HAS UNDERGONE REVIEWS AS  
REQUIRED TO BE RELEASED FOR  
CONSTRUCTION UNDER RFP PART 3, SECTION  
5.8.3 OF THE CONTRACT DOCUMENTS.

HUNTS POINT INTERSTATE ACCESS IMPROVEMENT PROJECT

CONTRACT 1

COUNTY: BRONX

REGION: 11

PIN X731.63

BRIDGES

CULVERTS

ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED

PROFILE

CONTRACT NUMBER  
D900047

DRAWING NO. PRO-01-07  
SHEET NO. 07-043

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

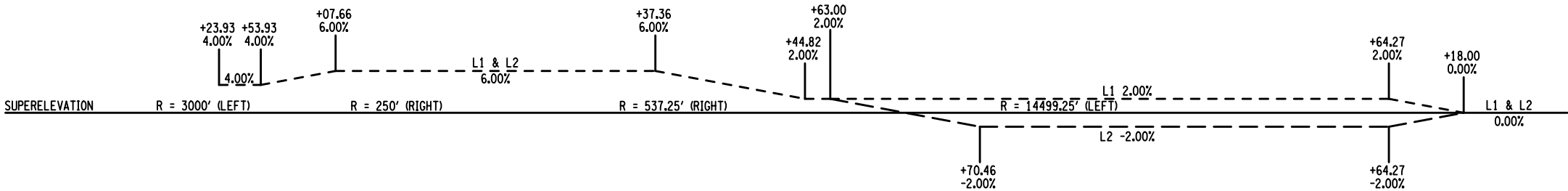
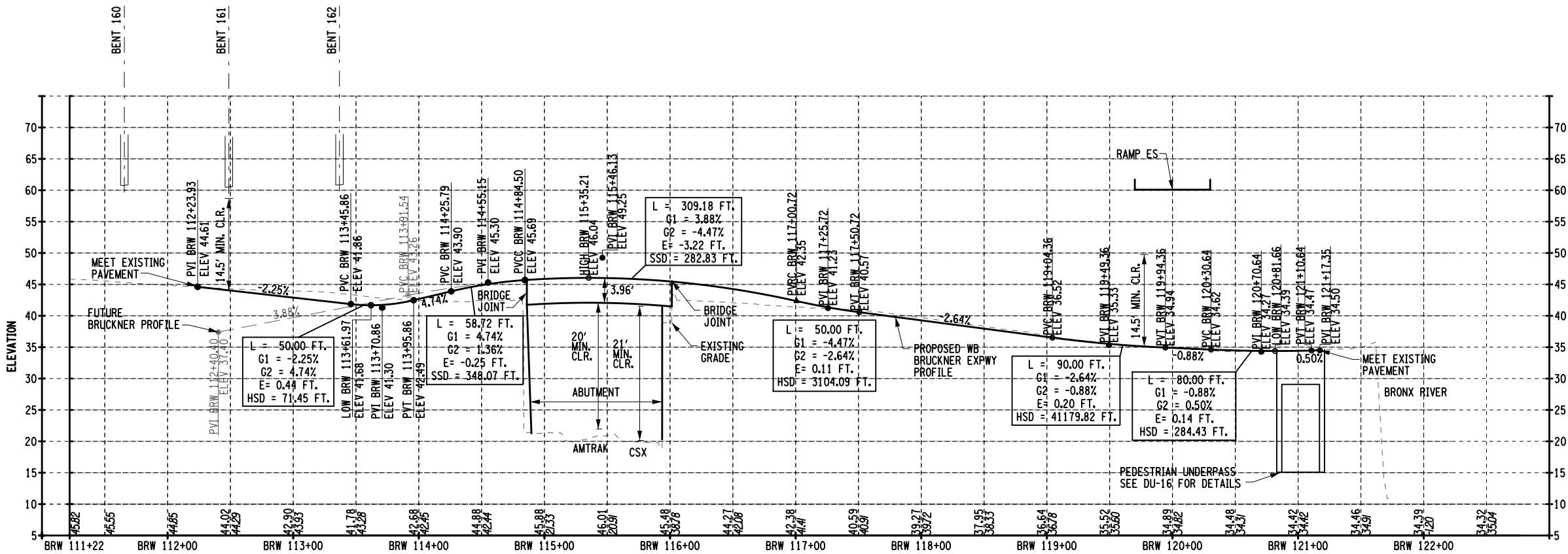


Department of  
Transportation

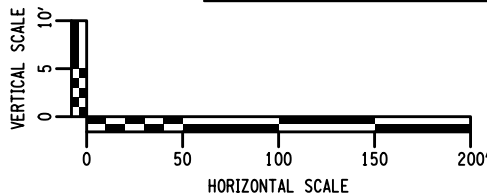
SKANSKA ECCC HPA  
JOINT VENTURE

RELEASE FOR CONSTRUCTION





WESTBOUND BRUCKNER EXPWY



AFFIX SEAL: SHAWN E. REYNOLDS  
ON: 11-30-2020

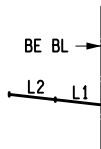
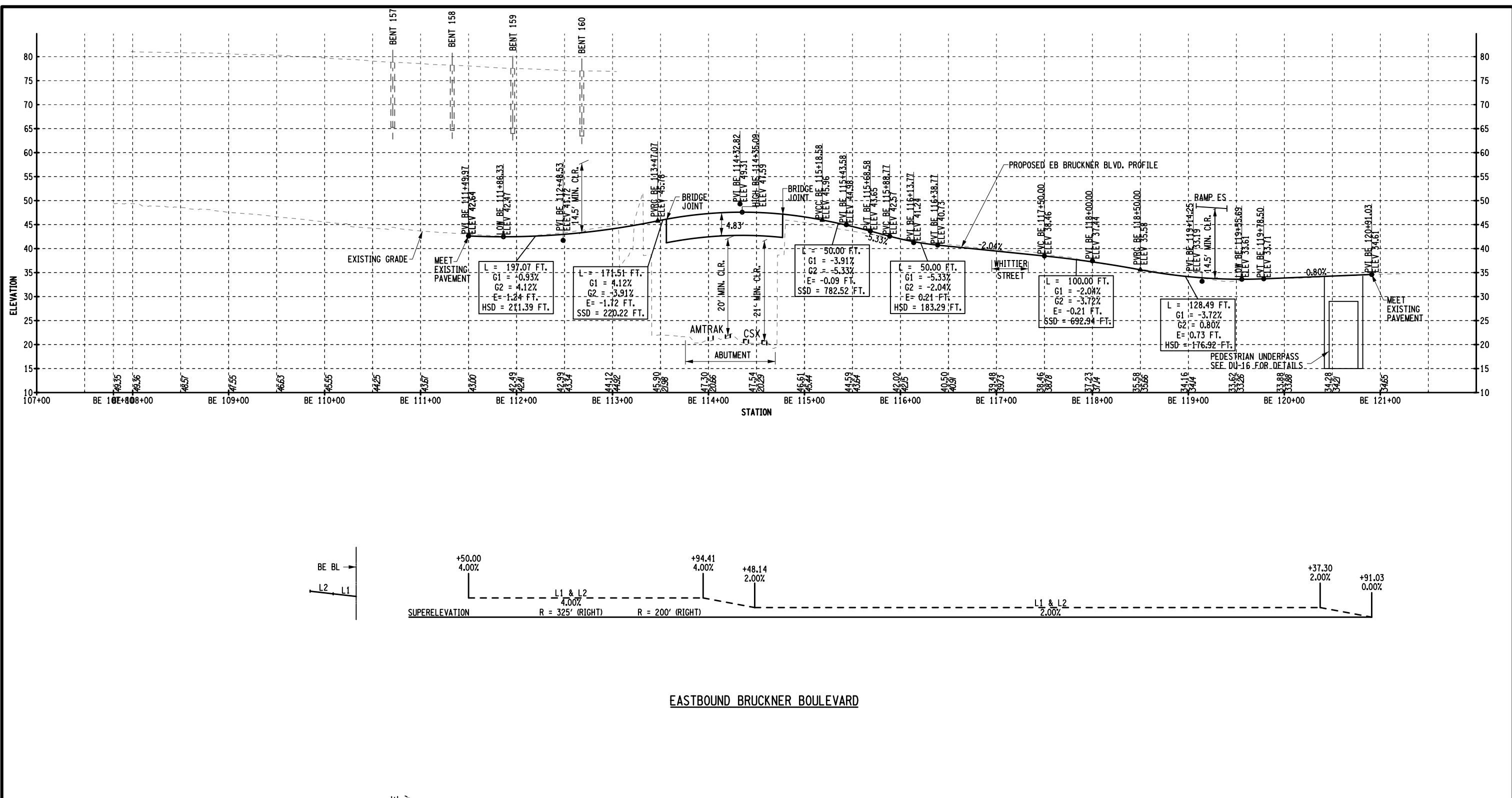
ALTERED BY:  
ON:

AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	DESIGN QUALITY ASSURANCE ENGINEER: HARDESTY & HANOVER 6/10/2021 ELANA FREEDMAN, P.E. DATE THIS DRAWING HAS UNDERGONE REVIEWS AS REQUIRED TO BE RELEASED FOR CONSTRUCTION UNDER RFP PART 3, SECTION 5.8.3 OF THE CONTRACT DOCUMENTS.
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HUNTS POINT INTERSTATE ACCESS IMPROVEMENT PROJECT	PIN X731.63
CONTRACT 1	
COUNTY: BRONX	REGION: 11

BRIDGES	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED	CONTRACT NUMBER D900047
		PROFILE	DRAWING NO. PRO-02-07 SHEET NO. 07-044

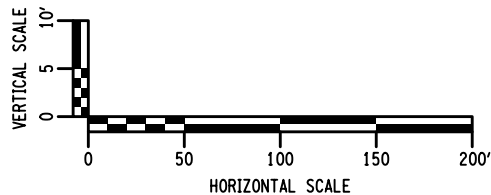
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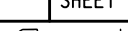


EASTBOUND BRUCKNER BOULEVARD

AFFIX SEAL: SHAWN E. REYNOLDS  
ON: 11-30-2020

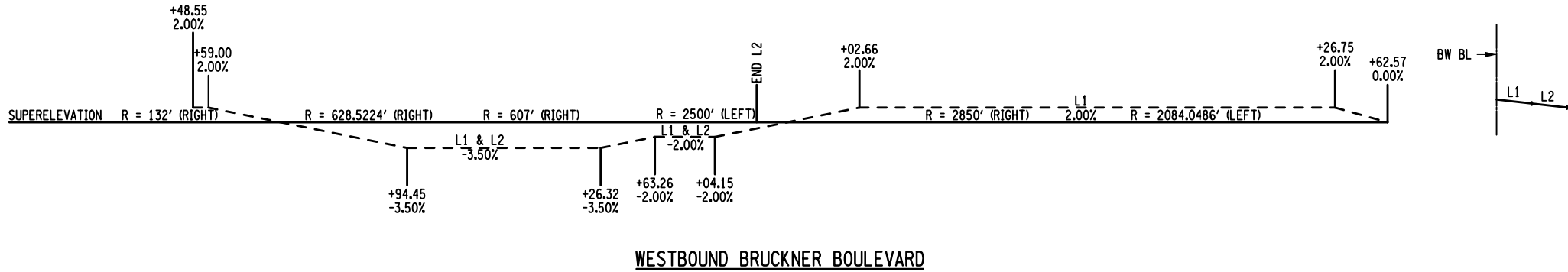
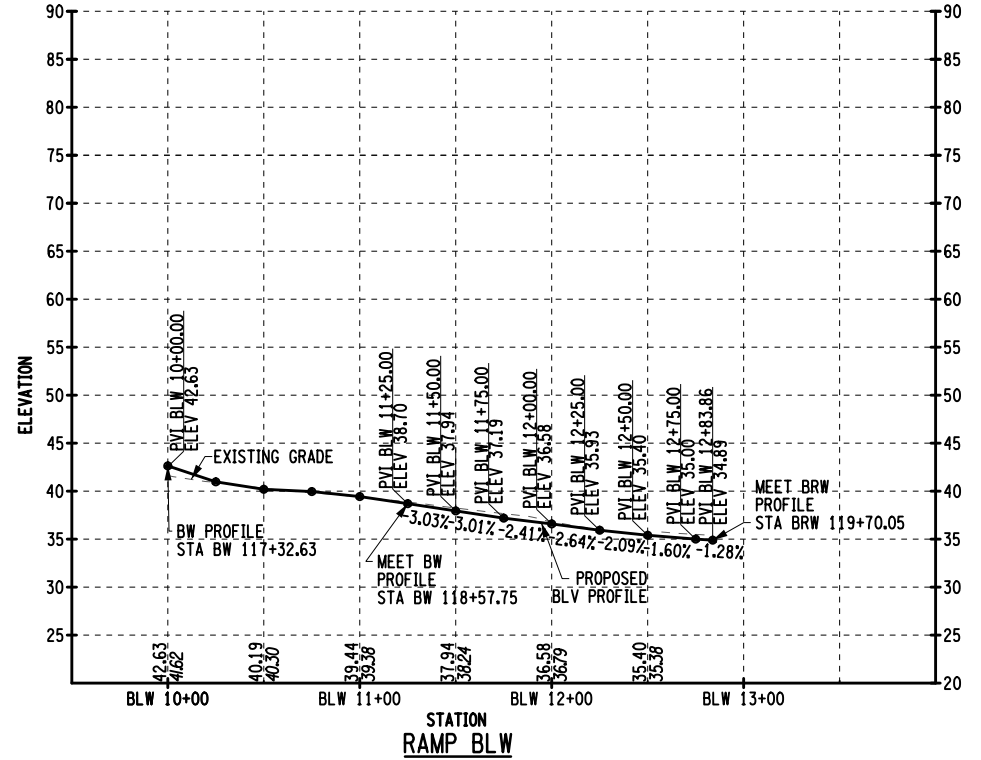
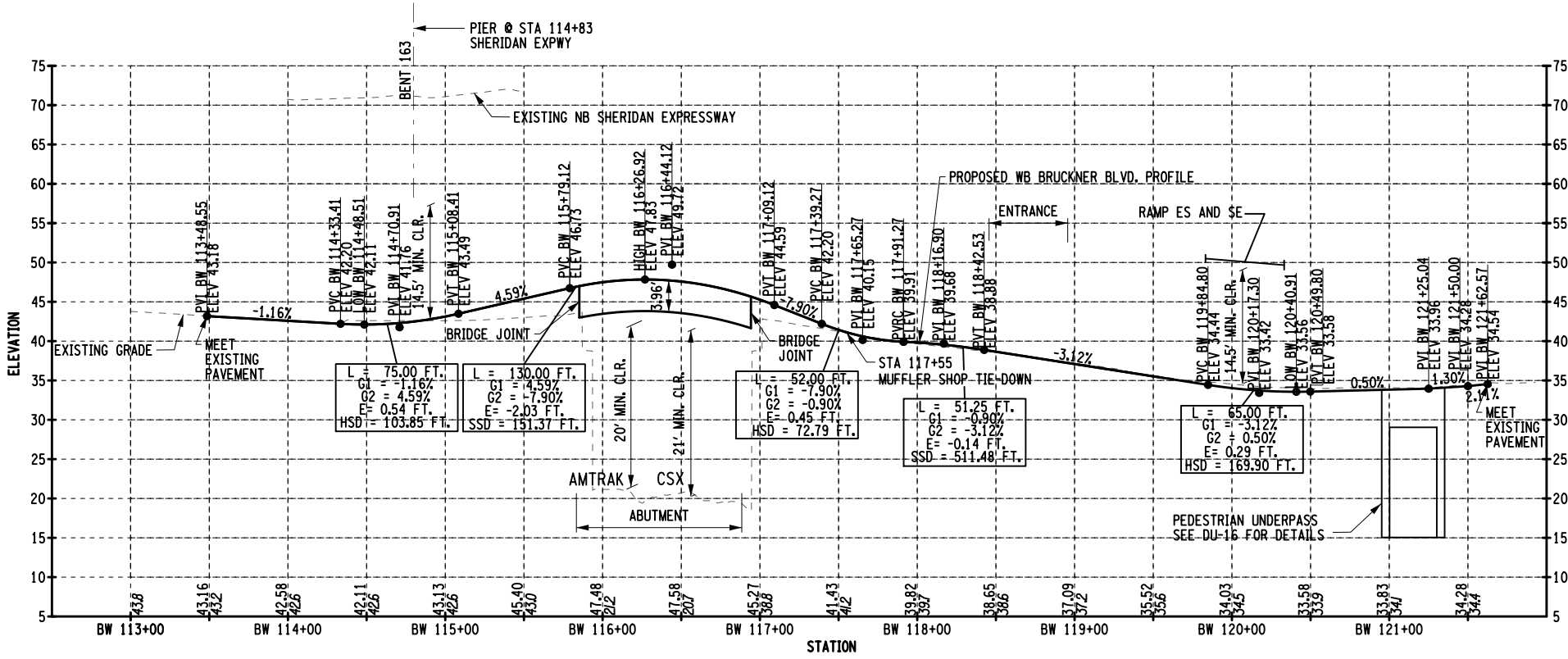
ALTERED BY:  
ON:



AS-BUILT REVISIONS DESCRIPTION OF ALTERATIONS:	DESIGN QUALITY ASSURANCE ENGINEER: HARDESTY & HANOVER 	HUNTS POINT INTERSTATE ACCESS IMPROVEMENT PROJECT		PIN X731.63	BRIDGES	CULVERTS	ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED  PROFILE EASTBOUND BRUCKNER BLVD.		CONTRACT NUMBER D900047	
	6/10/2021	CONTRACT 1							DRAWING NO. PRO-03-07	
	ELANA FREEDMAN, P.E. DATE								SHEET NO. 07-045	
	THIS DRAWING HAS UNDERGONE REVIEWS AS REQUIRED TO BE RELEASED FOR CONSTRUCTION UNDER RFP PART 3, SECTION 5.8.3 OF THE CONTRACT DOCUMENTS.	COUNTY: BRONX REGION: 11								
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.									 <b>Department of Transportation</b>	

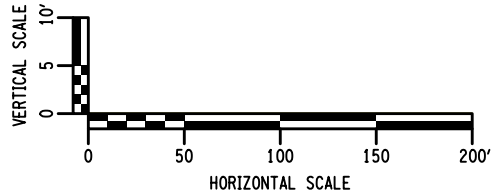
RELEASE FOR CONSTRUCTION

SKANSKA HPA  
JOINT VENTURE



AFFIX SEAL: SHAWN E. REYNOLDS  
ON: 11-30-2020

ALTERED BY:  
ON:



AS-BUILT REVISIONS  
DESCRIPTION OF ALTERATIONS:

DESIGN QUALITY ASSURANCE ENGINEER:  
HARDESTY & HANOVER  
6/10/2021  
ELANA FREEDMAN, P.E.  
DATE  
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5.8.3 OF THE CONTRACT DOCUMENTS.

HUNTS POINT INTERSTATE ACCESS IMPROVEMENT PROJECT  
CONTRACT 1  
COUNTY: BRONX  
REGION: 11

PIN X731.63

BRIDGES

CULVERTS

ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED

PROFILE  
WESTBOUND BRUCKNER BLVD.  
RAMP BLW

CONTRACT NUMBER  
D900047

DRAWING NO. PRO-04-07  
SHEET NO. 07-046

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.



Department of  
Transportation

RELEASE FOR CONSTRUCTION

SKANSKA **ETECO** HPA  
JOINT VENTURE